L Number	Hits	Search Text	DB	Time stamp
1	734	((main) adj3 (wash or washed or washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
2	160878	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 12:49
3	248550	(treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
4	127985	(wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 12:53
5	63600	(soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 12:54

6	38415	(dip or dipping or dipped) with	USPAT;	2003/02/14
		(substrate or hard adj surface or ((food	US-PGPUB;	12:54
		or dairy or milk or processing or milking	EPO; JPO;	
		or dishwashing or filling) adj5	DERWENT;	
		(equipment or part or machine or	IBM TDB;	
		machinery or apparatus)) or floor or	USOCR	
		flooring or laundry or textile or		
		clothing or clothes or dish or dishware		
		or dish adj ware or tank or silo or heat		
		adj exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or	1	
		ware-wash\$3 or garment)		
7	31368	(rinse or rinsing or rinsed) with	USPAT;	2003/02/14
		(substrate or hard adj surface or ((food	US-PGPUB;	12:55
		or dairy or milk or processing or milking	EPO; JPO;	
		or dishwashing or filling) adj5	DERWENT;	1
		(equipment or part or machine or	IBM TDB;	1
		machinery or apparatus)) or floor or	USOCR	1
		flooring or laundry or textile or		1
		clothing or clothes or dish or dishware		
		or dish adj ware or tank or silo or heat		
		adj exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or		
_		ware-wash\$3 or garment)		
8	17888	(sanitize or sanitizing or sanitized or	USPAT;	2003/02/14
		disinfect or disinfecting or disinfected	US-PGPUB;	12:55
		or disinfection or sterilize or	EPO; JPO;	
		sterilizing or sterilization or	DERWENT;	
		sterilized) with (substrate or hard adj	IBM_TDB;	!
		surface or ((food or dairy or milk or	USOCR	
		processing or milking or dishwashing or		
		filling) adj5 (equipment or part or		
		machine or machinery or apparatus)) or		
		floor or flooring or laundry or textile		
		or clothing or clothes or dish or		
		dishware or dish adj ware or tank or silo		
		or heat adj exchang\$4 or pipeline or		}
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)		

9	592132	(((main) adj3 (wash or washed or	USPAT;	2003/02/14
		washing)) with (substrate or hard adj	US-PGPUB;	11:47
		surface or ((food or dairy or milk or	EPO; JPO;	
		processing or milking or dishwashing or	DERWENT;	
		filling) adj5 (equipment or part or	IBM_TDB;	
		machine or machinery or apparatus)) or	USOCR	
		floor or flooring or laundry or textile		
1		or clothing or clothes or dish or		
		dishware or dish adj ware or tank or silo		
		or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)) or ((clean or		
		cleaning or cleaned or cleaner or cleanse		
		or cleansing or cleansed) with (substrate		
		or hard adj surface or ((food or dairy		
		or milk or processing or milking or		
		dishwashing or filling) adj5 (equipment		
1		or part or machine or machinery or		
		apparatus)) or floor or flooring or		
-4		laundry or textile or clothing or clothes		
110		or dish or dishware or dish adj ware or		
		tank or silo or heat adj exchang\$4 or		
		pipeline or extruder or evaporator or		
		ware adj wash\$3 or ware-wash\$3 or		
		garment)) or ((treat or treating or		1
		treated or treatment) with (substrate or		
		hard adj surface or ((food or dairy or		
		milk or processing or milking or		
11		dishwashing or filling) adj5 (equipment		
		or part or machine or machinery or		
		apparatus)) or floor or flooring or		
		laundry or textile or clothing or clothes		
Ť		or dish or dishware or dish adj ware or		
1,1,1		tank or silo or heat adj exchang\$4 or		
		pipeline or extruder or evaporator or		
		ware adj wash\$3 or ware-wash\$3 or		
		garment)) or ((wash or washing or washed)		1
		with (substrate or hard adj surface or		
1		((food or dairy or milk or processing or		
		milking or dishwashing or filling) adj5		i
11		(equipment or part or machine or		
	12	machinery or apparatus)) or floor or		
	i	flooring or laundry or textile or		
		clothing or clothes or dish or dishware		
		or dish adj ware or tank or silo or heat		
		adj exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or		
1		ware-wash\$3 or garment)) or ((soak or		
		soaking or soaked or immerse or immersing		
		or immersed or immersion) with (substrate		
		or hard adj surface or ((food or dairy		
		or milk or processing or milking or		į.
		dishwashing or filling) adj5 (equipment		
		or part or machine or machinery or	5 × 1.1	
		apparatus)) or floor or flooring or	7	
1		laundry or textile or clothing or clothes		
		or dish or dishware or dish adj ware or		
		tank or silo or heat adj exchang\$4 or		
		pipeline or extruder or evaporator or		
		ware adj wash\$3 or ware-wash\$3 or		
	1	garment)) or ((dip or dipping or dipped)		
1		with (substrate or hard adj surface or		
		((food or dairy or milk or processing or		
		milking or dishwashing or filling) adj5		
1		(equipment or part or machine or		
		machinery or apparatus)) or floor or		
1		flooring or laundry or textile or		
		clothing or clothes or dish or dishware		
1		or dish adj ware or tank or silo or heat		
		adj exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or		
arch Histo	ory 2	ware-wash\$3 or garment)) or ((rinse or		
	1 2	rinsing or rinsed) withe (substrate or		
		hard adj surface or ((food or dairy or		i .

2254 ((((main) adj3 (wash or washed or 10 USPAT: 2003/02/14 washing)) with (substrate or hard adj US-PGPUB; 14:04 surface or ((food or dairy or milk or EPO; JPO; processing or milking or dishwashing or DERWENT: filling) adj5 (equipment or part or IBM TDB; machine or machinery or apparatus)) or USOCR floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((rinse or 2/linsing:07:linsed) withe (substrate or Search History hard adj surface or ((food or dairy or C:\APPS\east\workspameskdefapre04sespg or milking or

dishwashing or filling) adj5 (equipment

13 (pre-wash or pre-washed or pre-washing or 2003/02/14 USPAT; pre adj wash or pre adj washed or pre adj US-PGPUB; 11:59 washing or pre adj disinfect or pre adj EPO; JPO; disinfecting or pre adj disinfected) same DERWENT; ((((main) adj3 (wash or washed or IBM TDB; washing)) with (substrate or hard adj USOCR surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware of dish adj ware or tank or silo or heat Search History adj exchang\$4 or pipeline or extruder or C:\APPS\east\workspa**ewaRde&aqrt04.wap**e adj wash\$3 or

3906 (pre-clean or pre-cleaned or pre-cleaning 2003/02/14 15 USPAT; or pre-treat or pre-treating or US-PGPUB; 12:01 pre-treated or pre-treatment or pre-rinse EPO; JPO; or pre-rinsing or pre-rinsed or DERWENT; IBM TDB; pre-contact or pre-contacted or pre-contacting or pre-sanitize or USOCR pre-sanitizing or pre-sanitized or pre-disinfect or pre-disinfected or pre-disinfecting or pre-cleanse or pre-cleansing or pre-cleansed or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre adj treat or pre adj treating or pre adj treated or pre adj treatment or pre adj rinse or pre adj rinsed or pre adj rinsing or pre adj contact or pre adj contacted or pre adj contacting or pre adj sanitize or pre adj sanitizing or pre adj sanitized) with (((main) adj3 (wash or washed or washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or 2/dishwashing or Filling adj5 (equipment Search History or part or machine or machinery or c:\APPS\east\workspaappaaatualt0qrwspoor or flooring or

laundry or textile or clothing or clothes

(pre-wash or pre-washed or pre-washing or 2003/02/14 16 USPAT; pre adj wash or pre adj washed or pre adj US-PGPUB; 13:15 washing or pre adj disinfect or pre adj EPO; JPO; DERWENT: disinfecting or pre adj disinfected) with ((((main) adj3 (wash or washed or IBM TDB; washing)) with (substrate or hard adj USOCR surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware 2/14/13sh adjiware or tank or silo or heat Search History adj exchang\$4 or pipeline or extruder or C:\APPS\east\workspacesaRdsfaqItOf.wage adj wash\$3 or

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12 (pre-clean or pre-cleaned or pre-cleaning USPAT; 2003/02/14 or pre-treat or pre-treating or US-PGPUB; 11:58 pre-treated or pre-treatment or pre-rinse EPO; JPO; or pre-rinsing or pre-rinsed or DERWENT: IBM TDB; pre-contact or pre-contacted or pre-contacting or pre-sanitize or USOCR pre-sanitizing or pre-sanitized or pre-disinfect or pre-disinfected or pre-disinfecting or pre-cleanse or pre-cleansing or pre-cleansed or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre adj treat or pre adj treating or pre adj treated or pre adj treatment or pre adj rinse or pre adj rinsed or pre adj rinsing or pre adj contact or pre adj contacted or pre adj contacting or pre adj sanitize or pre adj sanitizing or pre adj sanitized) with ((((main) adj3 (wash or washed or washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or 2/dishwashing or Milling adj5 (equipment Search History or part or machine or machinery or C:\APPS\east\workspacepaceEualt0qrwspoor or flooring or

laundry or textile or clothing or clothes

(pre-clean or pre-cleaned or pre-cleaning 2003/02/14 14 or pre-treat or pre-treating or US-PGPUB; 11:58 EPO; JPO; pre-treated or pre-treatment or pre-rinse or pre-rinsing or pre-rinsed or DERWENT; IBM TDB; pre-contact or pre-contacted or pre-contacting or pre-samitize or USOCR pre-sanitizing or pre-sanitized or pre-disinfect or pre-disinfected or pre-disinfecting or pre-cleanse or pre-cleansing or pre-cleansed or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre adj treat or pre adj treating or pre adj treated or pre adj treatment or pre adj rinse or pre adj rinsed or pre adj rinsing or pre adj contact or pre adj contacted or pre adj contacting or pre adj sanitize or pre adj sanitizing or pre adj sanitized) same ((((main) adj3 (wash or washed or washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or 2/dishwashing or filling adj5 (equipment Search History or part or machine or machinery or C:\APPS\east\workspacesquetualtoorwspoor or flooring or

laundry or textile or clothing or clothes

USPAT; 2003/02/14 (pre-wash or pre-washed or pre-washing or 17 pre adj wash or pre adj washed or pre adj US-PGPUB; 13:15 EPO; JPO; washing or pre adj disinfect or pre adj DERWENT: disinfecting or pre adj disinfected) with IBM TDB; ((((main) adj3 (wash or washed or USOCR washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or 2/01/d1sh adj ware or dish or dishware 2/01/d1sh adj ware or tank of silo or heat Search History adj exchang\$4 or pipeline or extruder or C:\APPS\east\workspaceaRdeffQItO4.wape adj wash\$3 or

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	. Lance of Silve of Meac and Cachandys of		The second secon
	pipeline or extruder or evaporator or		
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	garment)) or ((wash or washing or washed)	ĺ	1
	with (substrate or hard adj surface or	Î	
	((food or dairy or milk or processing or		
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	or dish adj ware or tank or silo or heat		
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	ware-wash\$3 or garment)) or ((soak or		
	soaking or soaked or immerse or immersing		
	or immersed or immersion) with (substrate		
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	or part or machine or machinery or		
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26	192712	(clean or cleaning or cleaned or cleaner	USPAT;	2003/02/14
		or cleanse or cleansing or cleansed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	13:50
27	501763	machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator) (treat or treating or treated or treatment) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB; USOCR	2003/02/14
		or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)		
28	150701	(wash or washing or washed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
29	109708	(soak or soaking or soaked or immerse or immersing or immersed or immersion) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:03
30	63197	adj exchang\$4 or extruder or evaporator) (dip or dipping or dipped) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:05
31	33548	adj exchang\$4 or extruder or evaporator) (rinse or rinsing or rinsed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
32	28689	(sanitize or sanitizing or sanitized or disinfect or disinfecting or disinfected or disinfection or sterilize or sterilizing or sterilization or sterilized) with (hard adj surface or metal or metallic of glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:08

33	869170	((clean or cleaning or cleaned or cleaner	USPAT;	2003/02/14
		or cleanse or cleansing or cleansed) with	US-PGPUB;	13:15
		(hard adj surface or metal or metallic or	EPO; JPO;	
		glass or aluminum or plastic or copper or	DERWENT;	
		polymeric or pipeline or tank or ((food	IBM_TDB;	
		or dairy or milk or milking) adj5	USOCR	}
		(equipment or part or machine or	1	
		machinery or apparatus))or dish or		}
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((treat or treating or treated or		1
		treatment) with (hard adj surface or		1
		metal or metallic or glass or aluminum or	1	
		plastic or copper or polymeric or		
		pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or	1	
	i	dish or dishware or dish adj ware or silo		i
		or heat adj exchang\$4 or extruder or		Ĭ.
		evaporator)) or ((wash or washing or		
		washed) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
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	1	milk or milking) adj5 (equipment or part		1
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		or machine or machinery or apparatus))or		
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		or heat adj exchang\$4 or extruder or	1	
		evaporator)) or ((soak or soaking or		1
		soaked or immerse or immersing or		
		immersed or immersion) with (hard adj		Į.
		surface or metal or metallic or glass or		
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		machinery or apparatus))or dish or	1	
	11	dishware or dish adj ware or silo or heat	1	
		adj exchang\$4 or extruder or evaporator))	1	1
		or ((dip or dipping or dipped) with		I
		(hard adj surface or metal or metallic or		
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		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		
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		adj exchang\$4 or extruder or evaporator))		1
		or ((rinse or rinsing or rinsed) with		1
	1	(hard adj surface or metal or metallic or		
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		polymeric or pipeline or tank or ((food	1	1
		or dairy or milk or milking) adj5		1
	1	(equipment or part or machine or		
		machinery or apparatus)) or dish or		
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		adj exchang\$4 or extruder or evaporator))		
		or ((sanitize or sanitizing or sanitized		
		or disinfect or disinfecting or		
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		or sterilizing or sterilization or		
	1	sterilized) with (hard adj surface or		
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		pipeline or tank or ((food or dairy or	1	
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator))		1

36	5747	(pre-wash or pre-washed or pre-washing or	USPAT;	2003/02/14
50	2/11/	pre adj wash or pre adj washed or pre adj	US-PGPUB;	13:52
		washing or pre adj disinfect or pre adj	EPO; JPO;	
		disinfecting or pre adj disinfected or	DERWENT;	
		pre-treat or pre-treated or pre-treating	IBM_TDB;	
		or pre-treatment or pre adj treat or pre	USOCR	
		adj treated or pre adj treating or pre		
		adj treatment) with (((clean or cleaning		
		or cleaned or cleaner or cleanse or cleansing or cleansed) with (hard adj		
		surface or metal or metallic or glass or		
		aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		
Ì		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus)) or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((treat or treating or treated or		
		treatment) with (hard adj surface or		
		metal or metallic or glass or aluminum or		
1		plastic or copper or polymeric or pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((wash or washing or		
		washed) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
		plastic or copper or polymeric or		
		pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or	1	
		dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or		1
		evaporator)) or ((soak or soaking or		
		soaked or immerse or immersing or		1
		immersed or immersion) with (hard adj	1	
		surface or metal or metallic or glass or	1	
		aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food	1	
		or dairy or milk or milking) adj5	1	1
		(equipment or part or machine or		
		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		+
		adj exchang\$4 or extruder or evaporator))		
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		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus)) or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((rinse or rinsing or rinsed) with		
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		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus))or dish or dishware or dish adj ware or silo or heat		
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		or ((sanitize or sanitizing or sanitized		
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		sterilized) with (hard adj surface or	1	
		metal or metallic or glass or aluminum or		
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earch His	tory 2	Phileline Br tank or (18000 or dairy or		
		milk or milking) adj5 (equipment or part		
		acesmachanetor maghinery or apparatus))or		

38		((pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre	USPAT; US-PGPUB;	2003/02/14
		adj washing or pre adj disinfect or pre	EPO; JPO;	
		adj disinfecting or pre adj disinfected	DERWENT;	
		or pre-treat or pre-treated or	IBM TDB;	
		ore-treating or pre-treatment or pre adj	USOCR	
		treat or pre adj treated or pre adj		
		creating or pre adj treatment) with		
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		cleaner or cleanse or cleansing or		
4.1		cleansed) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
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		pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
1		evaporator)) or ((treat or treating or		
		treated or treatment) with (hard adj		
		surface or metal or metallic or glass or		
	4	aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((wash or washing or washed) with		
		(hard adj surface or metal or metallic or		
1		glass or aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((soak or soaking or soaked or immerse		
		or immersing or immersed or immersion)	İ	
	1	with (hard ad) surface or metal or		
140		metallic or glass or aluminum or plastic		
į		or copper or polymeric or pipeline or		
		tank or ((food or dairy or milk or		
		milking) adj5 (equipment or part or		
		machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((dip or dipping or		
		dipped) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
1		plastic or copper or polymeric or		
		oipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((rinse or rinsing or		
		rinsed) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
1		plastic or copper or polymeric or	İ	
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		milk or milking) adj5 (equipment or part		1
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((sanitize or sanitizing		
		or sanitized or disinfect or disinfecting	1	
	1	or disinfected or disinfection or		
	4	sterilize or sterilizing or sterilization		
		or sterilize or sterilizing or sterilization or sterilized) with (hard adj surface		
		or metal or metallic or glass or aluminum		
arch Histor	cy 2/	or plastic or copper or polymeric or polymer		
		milk or milking) adj5 (equipment or part	I	
\ \ D D G \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	workspa	essmaehanetor.mashinery or apparatus))or dish or dishware or dish adj ware or silo	1	1

9	1147	(((pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre	USPAT; US-PGPUB;	2003/02/14 13:26
		adj washing or pre adj disinfect or pre	EPO; JPO;	
		adj disinfecting or pre adj disinfected or pre-treat or pre-treated or	DERWENT; IBM TDB;	
-		pre-treat or pre-treated or pre-adj	USOCR	
		treat or pre adj treated or pre adj	OBOOK	
		treating or pre adj treatment) with		
		(((clean or cleaning or cleaned or		
		cleaner or cleanse or cleansing or		
		cleansed) with (hard adj surtace or metal		
		or metallic or glass or aluminum or		
		plastic or copper or polymeric or		
		pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((treat or treating or		
		treated or treatment) with (hard adj		
		surface or metal or metallic or glass or		
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1		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus))or dish or dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((wash or washing or washed) with		
		(hard adj surface or metal or metallic or		
		glass or aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		1
		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((soak or soaking or soaked or immerse or immersing or immersed or immersion)		
		with (hard adj surface or metal or	8	
		metallic or glass or aluminum or plastic		
		or copper or polymeric or pipeline or		
		tank or ((food or dairy or milk or		
		milking) adj5 (equipment or part or		
		machine or machinery or apparatus))or		
j		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or evaporator)) or ((dip or dipping or		
		dipped) with (hard adj surface or metal		
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		pipeline or tank or ((food or dairy or		1
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		}
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((rinse or rinsing or rinsed) with (hard adj surface or metal		
		rinsed) with (hard adj surface or metal or metallic or glass or aluminum or		
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		pipeline or tank or ((food or dairy or	1	
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
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		evaporator)) or ((sanitize or sanitizing		
		or sanitized or disinfect or disinfecting		
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		sterilize or sterilizing or sterilization		
		or sterilized) with (hard adj surface		
		or metal or metallic or glass or aluminum		
	ry 2	or plastic or copper or polymeric or pipeline biltank or talk or dairy or		
arch Histo	- y			
arch Histo	- y - 2	milk or milking) adj5 (equipment or part		

	or pre adj wash or pre adj washed or pre adj washing or pre adj disinfect or pre adj disinfected or pre-treat or pre-treated or pre-treating or pre treatment or pre adj treat or pre adj treat or pre adj treatment or pre adj treating or pre adj treatment) with (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleaned) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking)) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((treat or treating or treated or treatment) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking)) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator))		13:56
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	or pre-treat or pre-treated or pre-treating or pre treatment or pre adj treat or pre adj treat or pre adj treating or pre adj treatment) with (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleaned) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((treat or treating or treated or treatment) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat	IBM_TDB; USOCR	
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	machinery or apparatus)) or dish or		
	dishware or dish adj ware or silo or heat		1
	adj exchang\$4 or extruder or evaporator))		
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	metallic or glass or aluminum or plastic	+	
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	plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((sanitize or sanitizing or sanitized or disinfect or disinfecting or disinfected or disinfection or sterilize or sterilizing or sterilization or sterilized) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or	1	ı
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(((pre-wash or pre-washed or pre-washing USPAT; 2003/02/14 41 US-PGPUB; or pre adj wash or pre adj washed or pre 13:42 adj washing or pre adj disinfect or pre EPO; JPO; adj disinfecting or pre adj disinfected DERWENT; IBM TDB; or pre-treat or pre-treated or pre-treating or pre-treatment or pre adj USOCR treat or pre adj treated or pre adj treating or pre adj treatment) with (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((treat or treating or treated or treatment) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((wash or washing or washed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) (hard adj surface or metal or with metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((dip or dipping or dipped) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((rinse or rinsing or (hard adj surface or metal rinsed) with or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((sanitize or sanitizing or sanitized or disinfect or disinfecting or disinfected or disinfection or sterilize or sterilizing or sterilization or sterilized) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or 2/1768 ine 15:1 tank or 29800 or dairy or Search History milk or milking) adj5 (equipment or part C:\APPS\east\workspacesmachingto4.maphinery or apparatus))or

dish or dishware or dish adj ware or silo

	83	(((((pre-wash or pre-washed or	USPAT;	2003/02/14
		pre-washing or pre adj wash or pre adj	US-PGPUB;	13:27
1		washed or pre adj washing or pre adj	EPO; JPO;	
		disinfect or pre adj disinfecting or pre	DERWENT;	
		adj disinfected or pre-treat or	IBM_TDB;	
1		pre-treated or pre-treating or	USOCR	
		pre-treatment or pre adj treat or pre adj		
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		treatment) with (((clean or cleaning or		
		cleaned or cleaner or cleanse or		
		cleansing or cleansed) with (hard adj		
		surface or metal or metallic or glass or		
		aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		
		(equipment or part or machine or		
		machinery or apparatus)) or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((treat or treating or treated or		
		treatment) with (hard adj surface or		
		metal or metallic or glass or aluminum or		
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		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
1		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
1		evaporator)) or ((wash or washing or		
		washed) with (hard adj surface or metal		
		or metallic or glass or aluminum or		
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		pipeline or tank or ((food or dairy or		
		milk or milking) adj5 (equipment or part		
		or machine or machinery or apparatus))or		
		dish or dishware or dish adj ware or silo		
		or heat adj exchang\$4 or extruder or		
		evaporator)) or ((soak or soaking or	1	
		soaked or immerse or immersing or		
		immersed or immersion) with (hard adj	1	
		surface or metal or metallic or glass or		
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		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5		-
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		machinery or apparatus))or dish or		
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		adj exchang\$4 or extruder or evaporator))		1
		or ((dip or dipping or dipped) with	1	
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		or dairy or milk or milking) adj5		
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		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		
		adj exchang\$4 or extruder or evaporator))		
		or ((rinse or rinsing or rinsed) with		
		(hard adj surface or metal or metallic or	1	
		glass or aluminum or plastic or copper or		
		polymeric or pipeline or tank or ((food		
		or dairy or milk or milking) adj5	1	
		(equipment or part or machine or		
		machinery or apparatus))or dish or		
		dishware or dish adj ware or silo or heat		1
		adj exchang\$4 or extruder or evaporator))		1
		or ((sanitize or sanitizing or sanitized		4
111		or disinfect or disinfecting or	İ	
1		disinfected or disinfection or sterilize		
		or sterilizing or sterilization or		
		sterilized) with (hard adj surface or		
		metal or metallic or glass or aluminum or	<u></u>	
arch Histo.	ry 2	plastic of copper or parymeric or		
	- ,	prastic or copper or perymeric or		
1		pipeline or tank or ((food or dairy or amelkdefamiloups) adj5 (equipment or part		
		I MILITION MILITION IN DOIN LOCALIDMONE OF DARK	1	

43	37 ((((pre-wash or pre-washed or pre-washing	USPAT;	2003/02/14
	or pre adj wash or pre adj washed or pre	US-PGPUB;	13:43
	adj washing or pre adj disinfect or pre	EPO; JPO;	
	adj disinfecting or pre adj disinfected or pre-treat or pre-treated or	DERWENT; IBM TDB;	
	pre-treating or pre-treatment or pre ad;	USOCR	
	treat or pre adj treated or pre adj	OBCCI	
	treating or pre adj treatment) with		
	(((clean or cleaning or cleaned or		
	cleaner or cleanse or cleansing or		
	cleansed) with (hard adj surface or metal		
	or metallic or glass or aluminum or		
	plastic or copper or polymeric or		
	pipeline or tank or ((food or dairy or		
	milk or milking) adj5 (equipment or part		
	or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo		
	or heat adj exchang\$4 or extruder or		
	evaporator)) or ((treat or treating or		
	treated or treatment) with (hard adj		
	surface or metal or metallic or glass or		
	aluminum or plastic or copper or		Ì
	polymeric or pipeline or tank or ((food		
	or dairy or milk or milking) adj5		
	(equipment or part or machine or		
	machinery or apparatus))or dish or dishware or dish adj ware or silo or heat		
	adj exchang\$4 or extruder or evaporator))		
	or ((wash or washing or washed) with		Ì
	(hard adj surface or metal or metallic or		1
	glass or aluminum or plastic or copper or		
	polymeric or pipeline or tank or ((food		ì
	or dairy or milk or milking) adj5		
	(equipment or part or machine or		
	machinery or apparatus))or dish or		
	dishware or dish adj ware or silo or heat		
	adj exchang\$4 or extruder or evaporator))		
	or ((soak or soaking or soaked or immerse or immersing or immersed or immersion)		i
	with (hard adj surface or metal or		
	metallic or glass or aluminum or plastic		
	or copper or polymeric or pipeline or		
1	tank or ((food or dairy or milk or		
	milking) adj5 (equipment or part or		
	machine or machinery or apparatus))or		
	dish or dishware or dish adj ware or silo		1
	or heat adj exchang\$4 or extruder or		
	evaporator)) or ((dip or dipping or		
	dipped) with (hard adj surface or metal or metallic or glass or aluminum or		
	plastic or copper or polymeric or		
	pipeline or tank or ((food or dairy or		
	milk or milking) adj5 (equipment or part		
	or machine or machinery or apparatus))or		1
	dish or dishware or dish adj ware or silo		
	or heat adj exchang\$4 or extruder or		
	evaporator)) or ((rinse or rinsing or		4
	rinsed) with (hard adj surface or metal		1
	or metallic or glass or aluminum or		1
	plastic or copper or polymeric or		1
	pipeline or tank or ((food or dairy or		1
	milk or milking) adj5 (equipment or part		
	or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo		
	or heat adj exchang\$4 or extruder or		
	evaporator)) or ((sanitize or sanitizing		1
	or sanitized or disinfect or disinfecting		
	or disinfected or disinfection or		∇
	sterilize or sterilizing or sterilization		
1	or sterilized) with (hard adj surface		
	or metal or metallic or glass or aluminum		
angh Wilter	or plastic or copper or polymeric or		
earch History	Y 2/pipeline Si tank or (1950d or dairy or		
	milk or milking) adj5 (equipment or part workspacesmachanttor maghinery or apparatus))or		
. 1			

44	140234	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or	USPAT; US-PGPUB;	2003/02/14
45	0	wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank or pipeline or piping)	EPO; JPO; DERWENT; IBM_TDB; USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
		adj treatment) with ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank or pipeline or piping))		
46	0	(pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre adj washing or pre-disinfect or pre-disinfecting or pre-disinfected or pre-spot or pre-spotted or pre-spotting or pre adj spotted or pre-clean or pre adj spotted or pre-clean or pre-cleaning or pre-cleansed or pre-cleanse or pre-cleansed or pre-cleansing or pre adj clean or pre adj cleanse or pre adj cleanse or pre adj cleanse or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre-rinse or pre-rinsing or pre-rinsed or pre adj rinse or pre adj rinsing or pre adj rinsed) with ((clean or cleaning or cleansed or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:54
47	917	or pipeline or piping)) (clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with silo	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
48	696	(pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre adj washing or pre adj disinfect or pre adj disinfecting or pre adj disinfected or pre-treat or pre-treated or pre-treating or pre-treatment or pre adj treat or pre adj treated or pre adj treated or pre adj treating or pre adj treatment) same ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank or pipeline or piping))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:55

49	475	(pre-wash or pre-washed or pre-washing or	USPAT;	2003/02/14
49	475	pre adj wash or pre adj washed or pre adj washing or pre-disinfect or pre-disinfecting or pre-disinfected or pre-spot or pre-spotted or pre-spotting or pre adj spot or pre adj spotting or pre adj spotted or pre-clean or pre-cleaning or pre-cleaned or pre-cleanse or pre-cleansed or pre-cleansing or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre-rinse or pre-rinsing or pre-rinsed or pre adj rinse or pre adj	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:55
		rinsing or pre adj rinsed) same ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank or pipeline or piping))		
50	4	(pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre adj washing or pre-disinfect or pre-disinfecting or pre-disinfected or pre-spot or pre-spotted or pre-spotting or pre adj spotted or pre-clean or pre-cleaning or pre-cleaned or pre-cleaning or pre-cleansed or pre-cleansing or pre adj clean or pre-cleaning or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleaned or pre adj cleansing or pre-rinse or pre-rinsing or pre-rinse or pre adj rinse or pre adj rinsing or pre adj rinsed) same ((clean or cleaning or cleaned or cleaner or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 13:56
		or cleaning of cleaned of cleaner of cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with silo)		
51	9	(pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre adj washing or pre adj disinfect or pre adj disinfecting or pre adj disinfected or pre-treat or pre-treated or pre-treating or pre-treatment or pre adj treat or pre adj treated or pre adj treatment) same ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or wash or washing or washed or treat or treating or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with silo)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14

	040	((pre-wash or pre-washed or pre-washing	USPAT;	2003/02/14
52	949	or pre adj wash or pre adj washed or pre	US-PGPUB;	13:56
		adj washing or pre adj disinfect or pre	EPO; JPO;	23.33
		adj disinfecting or pre adj disinfected	DERWENT;	
		or pre-treat or pre-treated or	IBM TDB;	
		pre-treating or pre-treatment or pre adj	USOCR	
		treat or pre adj treated or pre adj		
		treating or pre adj treatment) same		
		((clean or cleaning or cleaned or cleaner		
i		or cleanse or cleansing or cleansed or		
		wash or washing or washed or treat or		
		treating or treated or soak or soaked or		
		soaking or rinse or rinsed or rinsing)		
		with (tank or pipeline or piping))) or		
1		((pre-wash or pre-washed or pre-washing		
		or pre adj wash or pre adj washed or pre		
1		adj washing or pre-disinfect or		
		pre-disinfecting or pre-disinfected or		
		pre-spot or pre-spotted or pre-spotting	-	
		or pre adj spot or pre adj spotting or		
		pre adj spotted or pre-clean or		
		pre-cleaning or pre-cleaned or		
		pre-cleanse or pre-cleansed or		
		pre-cleansing or pre adj clean or pre adj	1	
		cleaning or pre adj cleaned or pre adj		
		cleanse or pre adj cleansed or pre adj		
		cleansing or pre-rinse or pre-rinsing or		
		pre-rinsed or pre adj rinse or pre adj		1
		rinsing or pre adj rinsed) same ((clean		
		or cleaning or cleaned or cleaner or		İ
		cleanse or cleansing or cleansed or wash		
		or washing or washed or treat or treating	1	
		or treated or soak or soaked or soaking or rinse or rinsed or rinsing) with (tank		
	1.0	or pipeline or piping))) or ((pre-wash or		
		pre-washed or pre-washing or pre adj wash		
		or pre adj washed or pre adj washing or		
		pre-disinfect or pre-disinfecting or		
		pre-disinfected or pre-spot or		
		pre-spotted or pre-spotting or pre adj		
		spot or pre adj spotting or pre adj		
		spotted or pre-clean or pre-cleaning or		
		pre-cleaned or pre-cleanse or		
i		pre-cleansed or pre-cleansing or pre adj		
		clean or pre adj cleaning or pre adj		
		cleaned or pre adj cleanse or pre adj		
		cleansed or pre adj cleansing or		
		pre-rinse or pre-rinsing or pre-rinsed or		
		pre adj rinse or pre adj rinsing or pre		
		adj rinsed) same ((clean or cleaning or		
		cleaned or cleaner or cleanse or		
		cleansing or cleansed or wash or washing		
		or washed or treat or treating or treated		
		or soak or soaked or soaking or rinse or		
		rinsed or rinsing) with silo)) or		
		((pre-wash or pre-washed or pre-washing		
		or pre adj wash or pre adj washed or pre		
		adj washing or pre adj disinfect or pre		
		adj disinfecting or pre adj disinfected		
		or pre-treat or pre-treated or pre-treating or pre-treatment or pre adj		
	İ	treat or pre adj treated or pre adj		
		treating or pre adj treatment) same		
		((clean or cleaning or cleaned or cleaner		
		or cleanse or cleansing or cleansed or		
		wash or washing or washed or treat or		
1		treating or treated or soak or soaked or	1	
7		soaking or rinse or rinsed or rinsing)		
		with silo))		

3	26 (((pre-wash or pre-washed or pre-washing or pre adj wash or pre adj washed or pre	USPAT; US-PGPUB;	2003/02/14
	adj washing or pre adj disinfect or pre	EPO; JPO;	
	adj disinfecting or pre adj disinfected	DERWENT;	
	or pre-treat or pre-treated or	IBM_TDB;	
	pre-treating or pre-treatment or pre adj	USOCR	
	treat or pre adj treated or pre adj treating or pre adj treatment) same		
	((clean or cleaning or cleaned or cleaner		
	or cleanse or cleansing or cleansed or		
	wash or washing or washed or treat or		
	treating or treated or soak or soaked or		
	soaking or rinse or rinsed or rinsing)		
	with (tank or pipeline or piping))) or		
	((pre-wash or pre-washed or pre-washing		
	or pre adj wash or pre adj washed or pre adj washing or pre-disinfect or		
	pre-disinfecting or pre-disinfected or		-
	pre-spot or pre-spotted or pre-spotting		-
	or pre adj spot or pre adj spotting or		
	pre adj spotted or pre-clean or		
	pre-cleaning or pre-cleaned or		
	pre-cleanse or pre-cleansed or		
	pre-cleansing or pre adj clean or pre adj		
	cleaning or pre adj cleaned or pre adj cleanse or pre adj cleansed or pre adj		i
	cleanse or pre adj cleansed or pre adj		
	pre-rinsed or pre adj rinse or pre adj		
	rinsing or pre adj rinsed) same ((clean	1	
	or cleaning or cleaned or cleaner or		
	cleanse or cleansing or cleansed or wash		1
	or washing or washed or treat or treating		
	or treated or soak or soaked or soaking		
	or rinse or rinsed or rinsing) with (tank		İ
	or pipeline or piping))) or ((pre-wash or pre-washed or pre-washing or pre adj wash		
	or pre adj washed or pre adj washing or		
	pre-disinfect or pre-disinfecting or		
	pre-disinfected or pre-spot or		
	pre-spotted or pre-spotting or pre adj		
	spot or pre adj spotting or pre adj		
	spotted or pre-clean or pre-cleaning or		
	pre-cleaned or pre-cleanse or		
	pre-cleansed or pre-cleansing or pre adj		
	clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj		
1	cleansed or pre adj cleansing or		
	pre-rinse or pre-rinsing or pre-rinsed or		
	pre adj rinse or pre adj rinsing or pre		
	adj rinsed) same ((clean or cleaning or		
	cleaned or cleaner or cleanse or		1
	cleansing or cleansed or wash or washing		1
	or washed or treat or treating or treated		
	or soak or soaked or soaking or rinse or rinsed or rinsing) with silo)) or		
	((pre-wash or pre-washed or pre-washing		
	or pre adj wash or pre adj washed or pre		
	adj washing or pre adj disinfect or pre		1
	adj disinfecting or pre adj disinfected		
	or pre-treat or pre-treated or		1
	pre-treating or pre-treatment or pre adj		1
	treat or pre adj treated or pre adj		
	treating or pre adj treatment) same		
	((clean or cleaning or cleaned or cleaner		
	or cleanse or cleansing or cleansed or wash or washing or washed or treat or		
	treating or treated or soak or soaked or		
	soaking or rinse or rinsed or rinsing)		
	with silo))) and (polyacrylate or		
	polymethacrylate or polysulfonate or		
1		1	1
	polyphosphate or polyphosphonate or	1	
arch History	polyasparate or acrylate or methacrylate	ļ	

54	33	kravitz-j\$.in.	USPAT;	2003/02/14
		-	US-PGPUB;	14:02
			EPO; JPO;	
			DERWENT;	
	,		IBM_TDB;	
- -	17	ruhr-r\$.in.	USOCR USPAT;	2003/02/14
55	1/	runr-ra.in.	US-PGPUB;	14:03
	1		EPO; JPO;	11.03
			DERWENT;	
			IBM TDB;	
			USOCR	
56	1	gioino-a\$.in.	USPAT;	2003/02/14
	ĺ		US-PGPUB;	14:03
			EPO; JPO;	
			DERWENT;	
	İ		IBM_TDB;	
			USOCR	2002/02/24
57	47	kravitz-j\$.in. or ruhr-r\$.in. or	USPAT;	2003/02/14
		gioino-a\$.in.	US-PGPUB; EPO; JPO;	14:04
			DERWENT;	
			IBM TDB;	
			USOCR	
58	8	(kravitz-j\$.in. or ruhr-r\$.in. or	USPAT;	2003/02/14
		gioino-a\$.in.) and (polyacrylate or	US-PGPUB;	14:04
		polymethacrylate or polysulfonate or	EPO; JPO;	
		polyphosphate or polyphosphonate or	DERWENT;	
		polyasparate or acrylate or methacrylate	IBM_TDB;	
	4	or polyacetate or polyacrylamide or	USOCR	
		polymethacrylamide or acrylamide or		
	k.	anionic)	1	1 / /
59	4	1 '	USPAT;	2003/02/14
		gioino-a\$.in.) and (polyacrylate or	US-PGPUB;	14:09
		polymethacrylate or polysulfonate or	EPO; JPO;	
		polyphosphate or polyphosphonate or polyasparate or acrylate or methacrylate	DERWENT; IBM TDB;	
		or polyacetate or acrylate or methacrylate or polyacetate or polyacrylamide or	USOCR	1
		polymethacrylamide or acrylamide)	JOSER	
60	1470	ecolab\$.asn.	USPAT;	2003/02/14
	14,0	- COOLUNY . UNIT.	US-PGPUB;	14:09
			EPO; JPO;	
			DERWENT;	
			IBM_TDB;	1
			USOCR	
61	178	ecolab\$.asn. and (polyacrylate or	USPAT;	2003/02/14
		polymethacrylate or polysulfonate or	US-PGPUB;	14:12
		polyphosphate or polyphosphonate or	EPO; JPO;	
		polyasparate or acrylate or methacrylate	DERWENT;	
		or polyacetate or polyacrylamide or	IBM_TDB;	
		polymethacrylamide or acrylamide)	USOCR	

]	0 (ecolab\$.asn. and (polyacrylate or	USPAT;	2003/02/14
	polymethacrylate or polysulfonate or	US-PGPUB;	14:10
	polyphosphate or polyphosphonate or	EPO; JPO;	
	polyasparate or acrylate or methacrylate	DERWENT;	
	or polyacetate or polyacrylamide or	IBM_TDB;	
į	polymethacrylamide or acrylamide)) and	USOCR	
	((((pre-wash or pre-washed or pre-washing		
	or pre adj wash or pre adj washed or pre		
	adj washing or pre adj disinfect or pre		
	adj disinfecting or pre adj disinfected)		
	with ((((main) adj3 (wash or washed or		
	washing)) with (substrate or hard adj	1	
	surface or ((food or dairy or milk or		
	processing or milking or dishwashing or		
	filling) adj5 (equipment or part or		
	machine or machinery or apparatus)) or		
	floor or flooring or laundry or textile		
	or clothing or clothes or dish or		
	dishware or dish adj ware or tank or silo	1	
	or heat adj exchang\$4 or pipeline or		
i i	extruder or evaporator or ware adj wash\$3		
	or ware-wash\$3 or garment)) or ((clean or		
	cleaning or cleaned or cleaner or cleanse		
	or cleansing or cleansed) with (substrate		
	or hard adj surface or ((food or dairy		
	or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or	-	
	laundry or textile or clothing or clothes		ļ
	or dish or dishware or dish adj ware or	1	
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		1
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((treat or treating or		
	treated or treatment) with (substrate or		
	hard adj surface or ((food or dairy or		
1	milk or processing or milking or		1
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or		
1	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or	1	
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((wash or washing or washed)		
1	with (substrate or hard adj surface or		
	((food or dairy or milk or processing or		
	milking or dishwashing or filling) adj5		
	(equipment or part or machine or		
	machinery or apparatus)) or floor or		
	flooring or laundry or textile or		
	clothing or clothes or dish or dishware		
	or dish adj ware or tank or silo or heat		
	adj exchang\$4 or pipeline or extruder or		
	evaporator or ware adj wash\$3 or		
	ware-wash\$3 or garment)) or ((soak or		
	soaking or soaked or immerse or immersing		
	or immersed or immersion) with (substrate		
	or hard adj surface or ((food or dairy		
	or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or		1
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
1			
	l darmentii or ildib or dibbibd or dibbedi		
	garment)) or ((dip or dipping or dipped)with_(substrate or hard adj surface or		

C:\APPS\east\workspadeg\dpfantto4.papt or machine or machinery or apparatus)) or floor or

2003/02/14 (ecolab\$.asn. and (polyacrylate or USPAT; 63 US-PGPUB; 14:11 polymethacrylate or polysulfonate or polyphosphate or polyphosphonate or EPO: JPO; polyasparate or acrylate or methacrylate DERWENT; IBM TDB; or polyacetate or polyacrylamide or polymethacrylamide or acrylamide)) and USOCR ((((main) adj3 (wash or washed or washing)) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus) or floor 1168 ing 5 1 Taumdry Brotestile or Search History clothing or clothes or dish or dishware C:\APPS\east\workspacesddehaadiowawspor tank or silo or heat

adj exchang\$4 or pipeline or extruder or

{	109 ((ecolab\$.asn. and (polyacrylate or	USPAT;	2003/02/14
	polymethacrylate or polysulfonate or	US-PGPUB;	14:11
1	polyphosphate or polyphosphonate or	EPO; JPO;	1
	polyasparate or acrylate or methacrylate	DERWENT;	
	or polyacetate or polyacrylamide or	IBM TDB;	
	polymethacrylamide or acrylamide)) and	USOCR	
j	((((main) adj3 (wash or washed or	00000	
	washing)) with (substrate or hard adj		
	surface or ((food or dairy or milk or		ļ
	processing or milking or dishwashing or		
	filling) adj5 (equipment or part or		
1	machine or machinery or apparatus)) or		
1	floor or flooring or laundry or textile		
	or clothing or clothes or dish or		
1	dishware or dish adj ware or tank or silo		
i	or heat adj exchang\$4 or pipeline or		
	extruder or evaporator or ware adj wash\$3		
4	or ware-wash\$3 or garment)) or ((clean or	1	
	cleaning or cleaned or cleaner or cleanse		
	or cleansing or cleansed) with (substrate		
	or hard adj surface or ((food or dairy		
	or milk or processing or milking or	1	
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or	1	1
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((treat or treating or		
	treated or treatment) with (substrate or		
1	hard adj surface or ((food or dairy or		
1	milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or laundry or textile or clothing or clothes		
	_	17	
	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or	1	
	garment)) or ((wash or washing or washed)		
	with (substrate or hard adj surface or		
1	((food or dairy or milk or processing or		
1	milking or dishwashing or filling) adj5		
	(equipment or part or machine or	1.7	
11	machinery or apparatus)) or floor or		
	flooring or laundry or textile or		
	clothing or clothes or dish or dishware		
	or dish adj ware or tank or silo or heat		
	adj exchang\$4 or pipeline or extruder or		
	evaporator or ware adj wash\$3 or		
	ware-wash\$3 or garment)) or ((soak or	1	
	soaking or soaked or immerse or immersing	1	
	or immersed or immersion) with (substrate		
	or hard adj surface or ((food or dairy	1	
	or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment	1	
	or part or machine or machinery or		
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((dip or dipping or dipped)		
	with (substrate or hard adj surface or		
	((food or dairy or milk or processing or		
	milking or dishwashing or filling) adj5		
	(equipment or part or machine or		
rch History	machinery or apparatus)) or floor or		
rou uracory	liboring of fadnary of constre of		
	clothing or clothes or dish or dishware		
1	orkspacesddehaadiowawspor tank or silo or heat		

	<pre>3 ecolab\$.asn. and (((((main) adj3 (wash or washed or washing)) with (substrate or</pre>	USPAT; US-PGPUB;	2003/02/14 14:12
	hard adj surface or ((food or dairy or	EPO; JPO;	
	milk or processing or milking or	DERWENT;	
	dishwashing or filling) adj5 (equipment	IBM_TDB;	
	or part or machine or machinery or	USOCR	
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((clean or cleaning or		
	cleaned or cleaner or cleanse or		
	cleansing or cleansed) with (substrate or		
	hard adj surface or ((food or dairy or		
	milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or	1	
	tank or silo or heat adj exchang\$4 or	1	
	pipeline or extruder or evaporator or		İ
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((treat or treating or		
	treated or treatment) with (substrate or		
	hard adj surface or ((food or dairy or		
	milk or processing or milking or dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or flooring or laundry or textile or clothing or clothes		
İ	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		1
	pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or		1
	garment)) or ((wash or washing or washed)	1	
	with (substrate or hard adj surface or		
	((food or dairy or milk or processing or		
4			
	milking or dishwashing or filling) adj5		
	<pre>(equipment or part or machine or machinery or apparatus)) or floor or</pre>		
	flooring or laundry or textile or		
	clothing or clothes or dish or dishware		
	or dish adj ware or tank or silo or heat		1
	adj exchang\$4 or pipeline or extruder or		
	<pre>evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or</pre>		
	soaking or soaked or immerse or immersing		
	or immersed or immersion) with (substrate		
1	or hard adj surface or ((food or dairy		
	or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or	1	
	apparatus)) or floor or flooring or		
	laundry or textile or clothing or clothes		
	or dish or dishware or dish adj ware or		
	tank or silo or heat adj exchang\$4 or		
	pipeline or extruder or evaporator or		
	ware adj wash\$3 or ware-wash\$3 or		
	garment)) or ((dip or dipping or dipped)	1	
	with (substrate or hard adj surface or		
	((food or dairy or milk or processing or		
	milking or dishwashing or filling) adj5		
	(equipment or part or machine or		
	machinery or apparatus)) or floor or		
	flooring or laundry or textile or		
	clothing or clothes or dish or dishware		
	or dish adj ware or tank or silo or heat		
1	adj exchang\$4 or pipeline or extruder or	1	
	evaporator or ware add wash\$3 or		
arch History	evaporator or ware adj wash\$3 or 2/14/03 wash\$3 or Pgarmenty 3f ((rinse or		
_	mare waships of garments, or (tribe of		1
1	rinsing or rinsed) with (substrate or		

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_	361515	(clean or cleaning or cleaned or cleaner	USPAT;	2003/02/13	
		or cleanse or cleansing or cleansed or	US-PGPUB;	13:48	
		cleanser) with (article or substrate or	EPO; JPO;		
		object or surface or semiconductor or	DERWENT;		
		wafer or electronic or printed adj	IBM_TDB;		
ĺ		circuit or printed adj circuit adj board)	USOCR	2002/00/12	
_	621887	(treat or treating or treated or	USPAT;	2003/02/13	
		treatment) with (article or substrate or	US-PGPUB;	13:18	
		object or surface or semiconductor or	EPO; JPO; DERWENT;		
		wafer or electronic or printed adj	IBM TDB;		
		circuit or printed adj circuit adj board)	USOCR		
	145504	(wash or washing or washed) with (article	USPAT;	2003/02/13	
-	145504	or substrate or object or surface or	US-PGPUB;	13:22	
		semiconductor or wafer or electronic or	EPO; JPO;	13.22	
		printed adj circuit or printed adj	DERWENT;		
		circuit adj board)	IBM TDB;		
	11	cricuit auj boaru,	USOCR		
	113457	(immerse or immersing or immersed or	USPAT;	2003/02/13	
_	11242/	immersion or soak or soaking or soaked)	US-PGPUB;	13:25	
1		with (article or substrate or object or	EPO; JPO;	13.23	
		surface or semiconductor or wafer or	DERWENT;		
		electronic or printed adj circuit or	IBM TDB;		
		printed adj circuit adj board)	USOCR		
	237946	(etch or etching or etchant or etcher)	USPAT;	2003/02/13	
IΠ	237940	with (article or substrate or object or	US-PGPUB;	13:29	
		surface or semiconductor or wafer or	EPO; JPO;	13.23	
		electronic or printed adj circuit or	DERWENT;		
		printed adj circuit adj board)	IBM TDB;		
		princed adj cricuit adj boardy	USOCR		
	350994	(strip or stripping or stripped or	USPAT;	2003/02/13	
_	330994	stripper) with (article or substrate or	US-PGPUB;	13:32	
		object or surface or semiconductor or	EPO; JPO;	13.32	
		wafer or electronic or printed adj	DERWENT;		
		circuit or printed adj circuit adj board)	IBM TDB;		
		circuit of princed day circuit day board,	USOCR		
	1622	penta adj fluoropropane or pentafluoro	USPAT;	2003/02/13	
	1022	adj propane or pentafluoropropane or	US-PGPUB;	13:36	
		"11133 pentafluoropropane" or "H245 fa"	EPO; JPO;		
		or "H245" adj fa!	DERWENT;		
			IBM TDB;		
			USOCR		
_	590341	(remove or removing or removed or	USPAT;	2003/02/13	
		removal) with (resin or flux or abietic	US-PGPUB;	13:42	
		adj acid or particle or particulate or	EPO; JPO;		
		contaminant or residue or impurity or	DERWENT;		
	1111	residual)	IBM_TDB;		
			USOCR		
-	69322		USPAT;	2003/02/13	
		stripper) with (resin or flux or abietic	US-PGPUB;	13:43	
		adj acid or particle or particulate or	EPO; JPO;		
		contaminant or residue or impurity or	DERWENT;		
		residual)	IBM_TDB;		
		USOCR			
	361732	(treat or treating or treated or	USPAT;	2003/02/13	
		treatment) with (resin or flux or abietic	US-PGPUB;	13:45	
		adj acid or particle or particulate or	EPO; JPO;		
		contaminant or residue or impurity or	DERWENT;		
		residual)	IBM_TDB;		
1			USOCR		
)-	144417	(clean or cleaning or cleaned or cleaner	USPAT;	2003/02/13	
		or cleanse or cleansing or cleansed or	US-PGPUB;	13:46	
	1	cleanser) with (resin or flux or abietic	EPO; JPO;		
	1	adj acid or particle or particulate or	DERWENT;		
		contaminant or residue or impurity or	IBM_TDB; USOCR		

_	108167	(eliminate or eliminating or eliminated	USPAT;	2003/02/13
		or elimination) with (resin or flux or	US-PGPUB;	13:48
		abietic adj acid or particle or	EPO; JPO;	
		particulate or contaminant or residue or	DERWENT;	
		impurity or residual)	IBM_TDB; USOCR	
_	183216	(134/\$ or 510/\$ or 252/\$).ccls.	USPAT;	2003/02/13
	100210	(201), (21 22), (21 22), (), (22 22)	US-PGPUB;	13:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB;	
	1504918	(/alam an alamina an alamad an alaman	USOCR USPAT;	2003/02/13
_	1504918	((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or	US-PGPUB;	13:49
		cleanser) with (article or substrate or	EPO; JPO;	13.13
		object or surface or semiconductor or	DERWENT;	
		wafer or electronic or printed adj	IBM_TDB;	
		circuit or printed adj circuit adj	USOCR	1
		board)) or ((treat or treating or treated		
		or treatment) with (article or substrate		1
		or object or surface or semiconductor or wafer or electronic or printed adj		
		circuit or printed adj circuit adj		R
		board)) or ((wash or washing or washed)		1
		with (article or substrate or object or		1 18
		surface or semiconductor or wafer or		
		electronic or printed adj circuit or		
		printed adj circuit adj board)) or		
		((immerse or immersing or immersed or		
		immersion or soak or soaking or soaked) with (article or substrate or object or	İ	
		surface or semiconductor or wafer or		
		electronic or printed adj circuit or		
		printed adj circuit adj board)) or ((etch		
		or etching or etchant or etcher) with		
		(article or substrate or object or		
		surface or semiconductor or wafer or		1
		electronic or printed adj circuit or		
		printed adj circuit adj board)) or		
		((strip or stripping or stripped or stripper) with (article or substrate or		
		object or surface or semiconductor or		
		wafer or electronic or printed adj		
		circuit or printed adj circuit adj		
		board))		
	963356	((remove or removing or removed or	USPAT;	2003/02/13
		removal) with (resin or flux or abietic	US-PGPUB;	13:53
		adj acid or particle or particulate or	EPO; JPO;	k
		contaminant or residue or impurity or	DERWENT;	
		residual)) or ((strip or stripping or stripped or stripper) with (resin or flux	IBM_TDB; USOCR	1
		or abietic adj acid or particle or	USUCK	
		particulate or contaminant or residue or		
		impurity or residual)) or ((treat or		
		treating or treated or treatment) with		
		(resin or flux or abietic adj acid or		
		particle or particulate or contaminant or		
	4	residue or impurity or residual)) or		
		((clean or cleaning or cleaned or cleaner		
		or cleanse or cleansing or cleansed or		
		cleanser) with (resin or flux or abietic adj acid or particle or particulate or		
		contaminant or residue or impurity or		
		residual)) or ((eliminate or eliminating		
		or eliminated or elimination) with (resin		
		or flux or abietic adj acid or particle		
		or particulate or contaminant or residue		
		or impurity or residual))		

- 1	4 (((clean or cleaning or cleaned or	USPAT;	2003/02/13
	cleaner or cleanse or cleansing or	US-PGPUB;	13:49
	cleansed or cleanser) with (article or	EPO; JPO;	
	substrate or object or surface or	DERWENT;	
	semiconductor or wafer or electronic or	IBM TDB;	
	printed adj circuit or printed adj	USOCR	
	circuit adj board)) or ((treat or		
	treating or treated or treatment) with	ĺ	
ļ	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board)) or ((wash		
	or washing or washed) with (article or		
	substrate or object or surface or		
	semiconductor or wafer or electronic or		
1 1	printed adj circuit or printed adj	İ	
	circuit adj board)) or ((immerse or		
	immersing or immersed or immersion or		
	soak or soaking or soaked) with (article		
	or substrate or object or surface or		
	semiconductor or wafer or electronic or	1	
	printed adj circuit or printed adj		
	circuit adj board)) or ((etch or etching		
1	or etchant or etcher) with (article or		
	substrate or object or surface or		
	semiconductor or wafer or electronic or		
	printed adj circuit or printed adj		
	circuit adj board)) or ((strip or		
	stripping or stripped or stripper) with		
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board))) with		
	(penta adj fluoropropane or pentafluoro		
	adj propane or pentafluoropropane or		
	"11133 pentafluoropropane" or "H245 fa"		
	or "H245" adj fa!)		

 44	(((clean or cleaning or cleaned or	USPAT;	2003/02/13
	cleaner or cleanse or cleansing or	US-PGPUB;	13:50
	cleansed or cleanser) with (article or	EPO; JPO;	
	substrate or object or surface or	DERWENT;	
	semiconductor or wafer or electronic or	IBM TDB;	
	printed adj circuit or printed adj	USOCR	
	circuit add board)) or ((treat or		
	treating or treated or treatment) with		
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board)) or ((wash		
	or washing or washed) with (article or		
	substrate or object or surface or		
	semiconductor or wafer or electronic or		
	printed adj circuit or printed adj		
	circuit adj board)) or ((immerse or		
	immersing or immersed or immersion or		1
	soak or soaking or soaked) with (article		
	or substrate or object or surface or		
	semiconductor or wafer or electronic or		
	printed adj circuit or printed adj		
	circuit adj board)) or ((etch or etching		
	or etchant or etcher) with (article or		ĺ
	substrate or object or surface or		
	semiconductor or wafer or electronic or		
	printed adj circuit or printed adj		
	circuit adj board)) or ((strip or		
	stripping or stripped or stripper) with		
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board))) same		
	(penta adj fluoropropane or pentafluoro		
	adj propane or pentafluoropropane or		
	"11133 pentafluoropropane" or "H245 fa"		
	or "H245" adj fa!)		1

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- "	44 ((((clean or cleaning or cleaned or	USPAT;	2003/02/13
	cleaner or cleanse or cleansing or	US-PGPUB;	13:50
	cleansed or cleanser) with (article or	EPO; JPO;	
	substrate or object or surface or	DERWENT;	
	semiconductor or wafer or electronic or	<pre>IBM_TDB;</pre>	
	printed adj circuit or printed adj	USOCR	
	circuit adj board)) or ((treat or		
	treating or treated or treatment) with		
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		1
	printed adj circuit adj board)) or ((wash		
	or washing or washed) with (article or		
	substrate or object or surface or		
	semiconductor or wafer or electronic or	1	1
Ì	printed adj circuit or printed adj		
	circuit adj board)) or ((immerse or		
	immersing or immersed or immersion or		
ř	soak or soaking or soaked) with (article		
	or substrate or object or surface or	1	
	semiconductor or wafer or electronic or		
	printed adj circuit or printed adj		į
	circuit adj board)) or ((etch or etching	1	
	or etchant or etcher) with (article or		1
	substrate or object or surface or		
	semiconductor or wafer or electronic or	1	
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	printed adj circuit or printed adj	1	
	circuit adj board)) or ((strip or		Į.
	stripping or stripped or stripper) with		1
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board))) with		
	(penta adj fluoropropane or pentafluoro		
	adj propane or pentafluoropropane or		
	"11133 pentafluoropropane" or "H245 fa"		1
	or "H245" adj fa!)) or (((clean or		
	cleaning or cleaned or cleaner or cleanse		
		-	
	or cleansing or cleansed or cleanser)	†	
	with (article or substrate or object or		[
	surface or semiconductor or wafer or		ĺ
	electronic or printed adj circuit or		İ
	printed adj circuit adj board)) or		1
	((treat or treating or treated or		1
	treatment) with (article or substrate or		
	object or surface or semiconductor or	1	
	wafer or electronic or printed adj		
	circuit or printed adj circuit adj		
	board)) or ((wash or washing or washed)		
	with (article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board)) or	5	1
	((immerse or immersing or immersed or		
31			
	immersion or soak or soaking or soaked)		
	with (article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or	/	
	printed adj circuit adj board)) or ((etch		
	or etching or etchant or etcher) with		
	(article or substrate or object or		
	surface or semiconductor or wafer or		
	electronic or printed adj circuit or		
	printed adj circuit adj board)) or		
	((strip or stripping or stripped or		
	stripper) with (article or substrate or		1
	object or surface or semiconductor or		
			1
	wafer or electronic or printed adj		
	circuit or printed adj circuit adj		
	board))) same (penta adj fluoropropane or		
	pentafluoro adj propane or		
	pentafluoropropane or "11133		
Search History	/ 2/pehtaffülföpropune" BagaH245 fa" or		
	"H245" adj fa!))		

2003/02/13 USPAT; ((((clean or cleaning or cleaned or US-PGPUB; 13:54 cleaner or cleanse or cleansing or EPO; JPO; cleansed or cleanser) with (article or DERWENT: substrate or object or surface or IBM TDB; semiconductor or wafer or electronic or USOCR printed adj circuit or printed adj circuit adj board)) or ((treat or treating or treated or treatment) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((wash or washing or washed) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((immerse or immersing or immersed or immersion or soak or soaking or soaked) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((etch or etching or etchant or etcher) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((strip or stripping or stripped or stripper) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board))) with (penta adj fluoropropane or pentafluoro adj propane or pentafluoropropane or "11133 pentafluoropropane" or "H245 fa" or "H245" adj fa!)) or (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((treat or treating or treated or treatment) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((wash or washing or washed) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((immerse or immersing or immersed or immersion or soak or soaking or soaked) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((etch or etching or etchant or etcher) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((strip or stripping or stripped or stripper) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board))) same (penta adj fluoropropane or pentafluoro adj propane or pentafluoropropane or "11133 pentaffuoropropane" or "11133 pentaffuoropropane" or "11133 fa" or Search History "H245" adj fa!))) and ((supercritical or C:\APPS\east\workspadensadfadltedjwspiquid or fluid) or

(supercritical or critical) adj (liquid or

-	66	(((remove or removing or removed or	USPAT;	2003/02/13
		removal) with (resin or flux or abietic	US-PGPUB;	13:54
		adj acid or particle or particulate or	EPO; JPO;	
		contaminant or residue or impurity or	DERWENT;	
		residual)) or ((strip or stripping or	IBM_TDB;	
į		stripped or stripper) with (resin or flux	USOCR	
		or abietic adj acid or particle or		
		particulate or contaminant or residue or		
		impurity or residual)) or ((treat or		
		treating or treated or treatment) with		
		(resin or flux or abletic adj acid or		İ
		particle or particulate or contaminant or		
		residue or impurity or residual)) or		
1		((clean or cleaning or cleaned or cleaner		
i i		or cleanse or cleansing or cleansed or		
		cleanser) with (resin or flux or abietic		
		adj acid or particle or particulate or		İ
		contaminant or residue or impurity or		1
		residual)) or ((eliminate or eliminating		
		or eliminated or elimination) with (resin		
		or flux or abietic adj acid or particle		
		or particulate or contaminant or residue		
1		or impurity or residual))) same (penta		
		adj fluoropropane or pentafluoro adj		
		propane or pentafluoropropane or "11133		
		pentafluoropropane" or "H245 fa" or		
		"H245" adj fa!)		

2003/02/13 ((((clean or cleaning or cleaned or USPAT; US-PGPUB; 13:58 cleaner or cleanse or cleansing or cleansed or cleanser) with (article or EPO: JPO: substrate or object or surface or DERWENT: IBM TDB; semiconductor or wafer or electronic or USOCR. printed adj circuit or printed adj circuit adj board)) or ((treat or treating or treated or treatment) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((wash or washing or washed) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((immerse or immersing or immersed or immersion or soak or soaking or soaked) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((etch or etching or etchant or etcher) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((strip or stripping or stripped or stripper) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board))) with (penta adj fluoropropane or pentafluoro adj propane or pentafluoropropane or "11133 pentafluoropropane" or "H245 fa" or "H245" adj fa!)) or (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((treat or treating or treated or treatment) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((wash or washing or washed) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((immerse or immersing or immersed or immersion or soak or soaking or soaked) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((etch or etching or etchant or etcher) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board)) or ((strip or stripping or stripped or stripper) with (article or substrate or object or surface or semiconductor or wafer or electronic or printed adj circuit or printed adj circuit adj board))) same (penta adj fluoropropane or pentafluoro adj propane or pentafluoropropane or "11133 pentaffuoropropane" orgen245 fa" or "H245" adj fa!))) and ((supercritical or C:\APPS\east\workspaden\defadle04cwspical) adj (liquid or

fluid or state) or supercritical or

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		((((remove or removing or removed or	USPAT;	2003/02/13
_	6	removal) with (resin or flux or abietic	US-PGPUB;	14:02
		adj acid or particle or particulate or	EPO; JPO;	
		contaminant or residue or impurity or	DERWENT;	
		residual)) or ((strip or stripping or	IBM TDB;	
		stripped or stripper) with (resin or flux	USOCR	
		or abietic adj acid or particle or		
		particulate or contaminant or residue or		
		impurity or residual)) or ((treat or	i	
		treating or treated or treatment) with	. •	
		(resin or flux or abietic adj acid or		
		particle or particulate or contaminant or		
		residue or impurity or residual)) or	1	
		((clean or cleaning or cleaned or cleaner		Ť.
		or cleanse or cleansing or cleansed or		
		cleanser) with (resin or flux or abietic		
		adj acid or particle or particulate or		
	10 43	contaminant or residue or impurity or		
		residual)) or ((eliminate or eliminating		
	Y	or eliminated or elimination) with (resin		
		or flux or abietic adj acid or particle	1	
		or particulate or contaminant or residue		
		or impurity or residual))) same (penta	2	
	(adj fluoropropane or pentafluoro adj	+	
		propane or pentafluoropropane or "11133		
		pentafluoropropane" or "H245 fa" or		
Ì		"H245" adj fa!)) and ((supercritical or		
		densified or critical) adj (liquid or		
ļ		fluid or state) or supercritical or		
		critical)		
-	2622	thomas-r\$.in.	USPAT;	2003/02/13
1			US-PGPUB;	14:00
			EPO; JPO;	
			DERWENT;	
			IBM TDB;	
			USOCR	
-	764	singh-r\$.in.	USPAT;	2003/02/13
			US-PGPUB;	14:01
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB;	
			USOCR	
-	322	cook-k\$.in.	USPAT;	2003/02/13
			US-PGPUB;	14:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB;	
			USOCR	
-	23	knopeck-g\$.in.	USPAT;	2003/02/13
			US-PGPUB;	14:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB;	
			USOCR	
-	0	wedinger-r\$.in	USPAT;	2003/02/13
			US-PGPUB;	14:01
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB;	
			USOCR	
		l e		
<u>.</u>	3681	thomas-r\$.in. or singh-r\$.in. or	USPAT;	2003/02/13
	3681	thomas-r\$.in. or singh-r\$.in. or cook-k\$.in. or knopeck-g\$.in. or	US-PGPUB;	2003/02/13
	3681		1	
	3681	cook-k\$.in. or knopeck-g\$.in. or	US-PGPUB;	
	3681	cook-k\$.in. or knopeck-g\$.in. or	US-PGPUB; EPO; JPO;	

_	64	(thomas-r\$.in. or singh-r\$.in. or	USPAT;	2003/02/13
		cook-k\$.in. or knopeck-g\$.in. or	US-PGPUB;	14:01
		wedinger-r\$.in) and (penta adj	EPO; JPO;	
		fluoropropane or pentafluoro adj propane	DERWENT;	
		or pentafluoropropane or "11133	IBM_TDB;	
		pentafluoropropane" or "H245 fa" or "H245" adj fa!)	USOCR	
	9	((thomas-r\$.in. or singh-r\$.in. or	USPAT;	2003/02/13
		cook-k\$.in. or knopeck-g\$.in. or	US-PGPUB;	14:02
		wedinger-r\$.in) and (penta adj	EPO; JPO;	
	A 418	fluoropropane or pentafluoro adj propane	DERWENT;	
	1 118	or pentafluoropropane or "11133 pentafluoropropane" or "H245 fa" or	IBM_TDB; USOCR	
		"H245" adj fa!)) and ((supercritical or	SSOCK	
		densified or critical) adj (liquid or		
		fluid or state) or supercritical or		
		critical)		
	625	(pre-clean or pre-cleaned or pre-cleaning	USPAT;	2003/02/14
		or pre-cleanse or pre-cleansed or	US-PGPUB;	10:50
		pre-cleansing) with (substrate or hard	EPO; JPO;	
		adj surface or ((food or dairy or milk	DERWENT; IBM TDB;	
		or processing or milking or dishwashing or filling) adj5 (equipment or part or	USOCR	
		machine or machinery or apparatus)) or	Joseph	
	1	floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj		
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator)		0000/22/2
	319622	(treat or treating or treated or	USPAT;	2003/02/14
		treatment or rinse or rinsing or rinsed	US-PGPUB;	09:54
		or soak or soaking or soaked) with	EPO; JPO; DERWENT;	
		(substrate or hard adj surface or ((food or dairy or milk or processing or milking	IBM TDB;	
		or dishwashing or filling) adj5	USOCR	
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator)	Hansa	2002/02/14
	64450	(immerse or immersing or immersed or	USPAT;	2003/02/14
		immersion) with (substrate or hard adj	US-PGPUB; EPO; JPO;	09:52
		surface or ((food or dairy or milk or processing or milking or dishwashing or	DERWENT;	
		filling) adj5 (equipment or part or	IBM TDB;	
		machine or machinery or apparatus)) or	USOCR	
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj		
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator)		0000/00/11
	188412		USPAT;	2003/02/14
		adj cleaning or clean or cleaning or	US-PGPUB; EPO; JPO;	10:51
		cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj	DERWENT;	
		surface or ((food or dairy or milk or	IBM TDB;	
		processing or milking or dishwashing or	USOCR	
		filling) adj5 (equipment or part or		1
		machine or machinery or apparatus)) or		
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj	1	
	1 7	ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator)		

<u> </u>	53975	(soak or soaking or soaked or dip or	USPAT;	2003/02/14
		dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	09:57
_	74439	extruder or evaporator) (pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 10:53
1	569950	evaporator) (remove or removing or removed or removal or strip or stripping or stripped) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 10:09
-	130597	(clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 10:09
-	331656	(treat or treating or treated or treatment) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
-	172594	(dissolve or dissolving or dissolved or dissolution) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
	411	(pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 10:54
_	593148	(remove or removing or removed or removal or strip or stripping or stripped) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate or food)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14

_	141151	(clean or cleaning or cleaned or cleanse	USPAT;	2003/02/14
		or cleansing or cleansed) with	US-PGPUB;	10:15
		(contaminant or residual or soil or	EPO; JPO;	
		protein or residue or impurity or	DERWENT;	
		particle or particulate or food)	IBM_TDB;	
i			USOCR	
-	356203	, ,	USPAT;	2003/02/14
		treatment) with (contaminant or residual	US-PGPUB;	10:15
	Λ.	or soil or protein or residue or impurity	EPO; JPO;	
	. 17	or particle or particulate or food)	DERWENT;	
			IBM_TDB; USOCR	
	176420	(dispelse on dispelseing on dispelsed on	USPAT;	2003/02/14
-	176428	(dissolve or dissolving or dissolved or dissolution) with (contaminant or	US-PGPUB;	10:18
		residual or soil or protein or residue or	EPO; JPO;	10.10
	1.18	impurity or particle or particulate or	DERWENT;	
		food)	IBM TDB;	
	1.3		USOCR	
_	286840	(134/\$ or 510/\$ or 426/\$ or 252/\$).ccls.	USPAT;	2003/02/14
1	•		US-PGPUB;	12:00
			EPO; JPO;	I I
			DERWENT;	
			IBM_TDB;	
			USOCR	

2003/02/14 ((pre-clean or pre-cleaned or USPAT; 603128 US-PGPUB; 10:19 pre-cleaning or pre-cleanse or pre-cleansed or pre-cleansing) with EPO; JPO; (substrate or hard adj surface or ((food DERWENT; IBM TDB; or dairy or milk or processing or milking or dishwashing or filling) adj5 USOCR (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((treat or treating or treated or treatment or rinse or rinsing or rinsed or soak or soaking or soaked) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((soak or soaking or soaked or dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or 1/1/188d2 of dairy or mille of processing or Search History milking or dishwashing or filling) adj5 C:\APPS\east\workspaceg\dpmanttO4.papt or machine or machinery or apparatus)) or floor or wall

	925062	((remove or removing or removed or	USPAT;	2003/02/14
		removal or strip or stripping or	US-PGPUB;	10:19
		stripped) with (contaminant or residual	EPO; JPO;	
		or soil or protein or residue or impurity	DERWENT;	
		or particle or particulate)) or ((clean	IBM TDB;	
		or cleaning or cleaned or cleanse or	USOCR	
		cleansing or cleansed) with (contaminant		
		or residual or soil or protein or residue		
		or impurity or particle or particulate))		
		or ((treat or treating or treated or		
		treatment) with (contaminant or residual		
		or soil or protein or residue or impurity		
		or particle or particulate)) or		
		((dissolve or dissolving or dissolved or		
		dissolution) with (contaminant or		
100		residual or soil or protein or residue or		
		impurity or particle or particulate)) or		
1		((remove or removing or removed or		
1		removal or strip or stripping or		
1		stripped) with (contaminant or residual		
1		or soil or protein or residue or impurity		
		or particle or particulate or food)) or		
		((clean or cleaning or cleaned or cleanse		
		or cleansing or cleansed) with		
		(contaminant or residual or soil or		
		protein or residue or impurity or		
		particle or particulate or food)) or		
		((treat or treating or treated or		
1		treatment) with (contaminant or residual		:
		or soil or protein or residue or impurity		
		or particle or particulate or food)) or		
		((dissolve or dissolving or dissolved or		
		dissolution) with (contaminant or		
1		residual or soil or protein or residue or		
		impurity or particle or particulate or		
		food))		

	6380	(((pre-clean or pre-cleaned or	USPAT;	2003/02/14
		pre-cleaning or pre-cleanse or	US-PGPUB;	10:39
ł		pre-cleansed or pre-cleansing) with	EPO; JPO;	
i		(substrate or hard adj surface or ((food	DERWENT;	
		or dairy or milk or processing or milking	IBM TDB;	
1		or dishwashing or filling) adj5	USOCR	
1			O DOCK	1
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		İ
		or textile or clothing or clothes or dish	Δ.	İ
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		1
		extruder or evaporator)) or ((treat or		1
		treating or treated or treatment or rinse		
		or rinsing or rinsed or soak or soaking		1
		or soaked) with (substrate or hard adj		1
		surface or ((food or dairy or milk or		1
		processing or milking or dishwashing or		
		filling) adj5 (equipment or part or		
		machine or machinery or apparatus)) or		E .
		floor or wall or textile or clothing or		1
1				
		clothes or dish or dishware or dish adj		
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator)) or ((immerse or immersing or		16
		immersed or immersion) with (substrate or		
		hard adj surface or ((food or dairy or		
		milk or processing or milking or		
		dishwashing or filling) adj5 (equipment		
		or part or machine or machinery or		
		apparatus)) or floor or wall or textile		T
		or clothing or clothes or dish or		
		dishware or dish adj ware or tank or silo		1
		or heat adj exchang\$4 or pipeline or		
		extruder or evaporator)) or ((pre adj		
		clean or pre adj cleaned or pre adj		
		cleaning or clean or cleaning or cleaned		
		or cleanse or cleansing or cleansed) with	t	
		(substrate or hard adj surface or ((food		
		or dairy or milk or processing or milking		
		or dishwashing or filling) adj5		
		(equipment or part or machine or	1	
Ì		machinery or apparatus)) or floor or wall	1	
		or textile or clothing or clothes or dish	1	
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator)) or ((soak or		
		soaking or soaked or dip or dipping or		
		dipped) with (substrate or hard adj		
		surface or ((food or dairy or milk or		
		processing or milking or dishwashing or		
		filling) adj5 (equipment or part or		
		machine or machinery or apparatus)) or		
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj	1	
		ware or tank or silo or heat adj	1	
		exchang\$4 or pipeline or extruder or		
		evaporator)) or ((pre-flush or		
		evaporatory, or ((pre-riush or		
		pre-flushed or pre-flushing or pre adj		
		flush or pre adj flushing or pre adj		
	- 1 1 K	flushed or flush or flushing or flushed)		
11		with (substrate or hard adj surface or		
		((food or dairy or milk or processing or		
		milking or dishwashing or filling) adj5		
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
1.9		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
	1 1 1			
		extruder or evaporator)) or ((pre-wash or		
		pre-washing or pre-washed or pre adj wash		
		or pre adj washing or pre adj washed)		
angle ***	+07	with (substrate or hard adj surface or		
arch His	cory 2	Vt1f83d2ol3dairpMor mPageof2processing or		
		milking or dishwashing or filling) adj5		1
	l _ +\	adequapmentto4.papt or machine or		1
· \ \ D D C \ ^ 3	ISE (WOFKER			

- 18	216 (((remove or removing or removed or	USPAT;	2003/02/14
	removal or strip or stripping or	US-PGPUB;	10:39
	stripped) with (contaminant or residual	EPO; JPO;	
	or soil or protein or residue or impurity	DERWENT;	
	or particle or particulate)) or ((clean	IBM TDB;	
	or cleaning or cleaned or cleanse or	USOCR	
	cleansing or cleansed) with (contaminant		
	or residual or soil or protein or residue		
	or impurity or particle or particulate))		
	or ((treat or treating or treated or		
İ	treatment) with (contaminant or residual	1	
	or soil or protein or residue or impurity	1	
	or particle or particulate)) or	1	
	((dissolve or dissolving or dissolved or	1	
	dissolution) with (contaminant or	1	
	residual or soil or protein or residue or		
	impurity or particle or particulate)) or		
	((remove or removing or removed or		
	removal or strip or stripping or		
}	stripped) with (contaminant or residual		
	or soil or protein or residue or impurity		
	or particle or particulate or food)) or		4
	((clean or cleaning or cleaned or cleanse		
	or cleansing or cleansed) with		
	(contaminant or residual or soil or		
	protein or residue or impurity or		
	particle or particulate or food)) or		
	((treat or treating or treated or		
	treatment) with (contaminant or residual	1	
	or soil or protein or residue or impurity	1	
	or particle or particulate or food)) or		
	((dissolve or dissolving or dissolved or		
	dissolution) with (contaminant or		
	residual or soil or protein or residue or		
	impurity or particle or particulate or		
	food))) same (polyacrylate or		
	polymethacrylate or polysulfonate or		
	polyphosphate or polyphosphonate or		
	polyasparate or acrylate or methacrylate		
	or polyacetate or polyacrylamide or		
	polymethacrylamide or acrylamide)		

5357 (((remove or removing or removed or removal or strip or stripping or stripped) with (contaminant or residual or soil or protein or residue or impurity or particle or particulate)) or ((clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	
or soil or protein or residue or impurity or particle or particulate)) or ((clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant	
or soil or protein or residue or impurity or particle or particulate)) or ((clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant	
or particle or particulate)) or ((clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant	
or cleaning or cleaned or cleanse or cleansing or cleansed) with (contaminant	
cleansing or cleansed) with (contaminant	
or residual or soil or protein or residue	
or impurity or particle or particulate))	
or ((treat or treating or treated or	
treatment) with (contaminant or residual	
or soil or protein or residue or impurity	
or soll or protein or residue of impulity or particle or particulate)) or	
((dissolve or dissolving or dissolved or	
dissolution) with (contaminant or	
residual or soil or protein or residue or	
impurity or particle or particulate)) or	
((remove or removing or removed or	
removal or stripping or	
stripped) with (contaminant or residual	
or soil or protein or residue or impurity	
or particle or particulate or food)) or	
((clean or cleaning or cleaned or cleanse	
or cleansing or cleansed) with	
(contaminant or residual or soil or	
protein or residue or impurity or	
particle or particulate or food)) or	
((treat or treating or treated or	
treatment) with (contaminant or residual	
or soil or protein or residue or impurity	
or particle or particulate or food)) or	
((dissolve or dissolving or dissolved or	
dissolution) with (contaminant or	
residual or soil or protein or residue or	
impurity or particle or particulate or	
food))) with (polyacrylate or	
polymethacrylate or polysulfonate or	
polyphosphate or polyphosphonate or	
polyasparate or acrylate or methacrylate	
or polyacetate or polyacrylamide or	
polymethacrylamide or acrylamide)	

- 2	90 ((((pre-clean or pre-cleaned or pre-cleaning or pre-cleanse or pre-cleansed or pre-cleansing) with	USPAT; US-PGPUB; EPO; JPO;	2003/02/14 10:40
	(substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5	DERWENT; IBM_TDB; USOCR	
	<pre>(equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish</pre>		
	or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((treat or		
	treating or treated or treatment or rinse or rinsing or rinsed or soak or soaking or soaked) with (substrate or hard adj		
	surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or		
	machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj		
	<pre>ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((immerse or immersing or</pre>		
	immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile		
	or clothing or clothes or dish or dishware or dish adj ware or tank or silo		
	or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre adj clean or pre adj cleaned or pre adj		
	cleaning or clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food		
	or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or		
5	machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or		
	silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((soak or soaking or soaked or dip or dipping or		
	dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or		
į	filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or		
	clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or		U 1
	evaporator)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj		
	flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or		
	milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall		
	or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or		
	extruder or evaporator)) or ((pre-wash or pre-washing or pre-washed or pre adj wash		
arch History	or pre adj washing or pre adj washed) with (substrate or hard adj surface or 2/tifodd of dairy Mor mill of processing or		
:\APPS\east\wor	milking or dishwashing or filling) adj5 kspadegwapmanttof.papt or machine or machinery or apparatus)) or floor or wall		

[-	602	((((remove or removing or removed or	USPAT;	2003/02/14
		removal or strip or stripping or	US-PGPUB;	10:40
		stripped) with (contaminant or residual	EPO; JPO;	
		or soil or protein or residue or impurity	DERWENT;	
		or particle or particulate)) or ((clean	IBM TDB;	
		or cleaning or cleaned or cleanse or	USOCR	
		cleansing or cleansed) with (contaminant	1	
		or residual or soil or protein or residue	İ	
		or impurity or particle or particulate))		
		or ((treat or treating or treated or		
		treatment) with (contaminant or residual		1
		or soil or protein or residue or impurity		
		or particle or particulate)) or		
		((dissolve or dissolving or dissolved or		
		dissolution) with (contaminant or		
		residual or soil or protein or residue or		
		impurity or particle or particulate)) or		
		((remove or removing or removed or		
		removal or strip or stripping or		
	İ	stripped) with (contaminant or residual		
		or soil or protein or residue or impurity		
		or particle or particulate or food)) or		
		((clean or cleaning or cleaned or cleanse		
	<u> </u> !	or cleansing or cleansed) with		
	į	(contaminant or residual or soil or		
	•	protein or residue or impurity or		
		particle or particulate or food)) or		
i !	1	((treat or treating or treated or		
		treatment) with (contaminant or residual		
1		treatment) with (contaminant of residual	1	j
		or soil or protein or residue or impurity		
		or particle or particulate or food)) or		
!		((dissolve or dissolving or dissolved or		;
1	į	dissolution) with (contaminant or		
		residual or soil or protein or residue or		
		impurity or particle or particulate or		
	İ	food))) with (polyacrylate or		
		polymethacrylate or polysulfonate or		
		polyphosphate or polyphosphonate or		
!		polyasparate or acrylate or methacrylate		
		or polyacetate or polyacrylamide or		
		polymethacrylamide or acrylamide)) and		
		((134/\$ or 510/\$ or 426/\$ or		
		252/\$).ccls.)	İ	
-	13998		USPAT;	2003/02/14
		or plurality or multiple or multiplicity)	US-PGPUB;	10:43
		adj5 (clean or cleaning or cleaned or	EPO; JPO;	
		wash or washed or washing)	DERWENT;	
İ			IBM TDB;	
İ	1		USOCR	

USPAT; 2003/02/14 (((pre-clean or pre-cleaned or US-PGPUB; pre-cleaning or pre-cleanse or 10:39 pre-cleansed or pre-cleansing) with EPO; JPO; (substrate or hard adj surface or ((food DERWENT; IBM TDB; or dairy or milk or processing or milking or dishwashing or filling) adj5 USOCR (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((treat or treating or treated or treatment or rinse or rinsing or rinsed or soak or soaking or soaked) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((soak or soaking or soaked or dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or 17 t 168 d 2 of 5 d a 1 r M or mlike of 4 processing or Search History milking or dishwashing or filling) adj5 C:\APPS\east\workspadegydp#entto4.papt or machine or

machinery or apparatus)) or floor or wall

(pre-wash or pre-washed or pre-washing or USPAT; 2003/02/14 pre adj wash or pre adj washed or pre adj US-PGPUB; 13:52 washing or pre-disinfect or EPO; JPO; pre-disinfecting or pre-disinfected or DERWENT; pre-spot or pre-spotted or pre-spotting IBM TDB; USOCR or pre adj spot or pre adj spotting or pre adj spotted or pre-clean or pre-cleaning or pre-cleaned or pre-cleanse or pre-cleansed or pre-cleansing or pre adj clean or pre adj cleaning or pre adj cleaned or pre adj cleanse or pre adj cleansed or pre adj cleansing or pre-rinse or pre-rinsing or pre-rinsed or pre adj rinse or pre adj rinsing or pre adj rinsed) with (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((treat or treating or treated or treatment) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((wash or washing or washed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((soak or soaking or soaked or immerse or immersing or (hard adj immersed or immersion) with surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((dip or dipping or dipped) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus)) or dish or dishware or dish adj ware or silo or heat adj exchang\$4 or extruder or evaporator)) or ((rinse or rinsing or rinsed) with (hard adj surface or metal or metallic or glass or aluminum or plastic or copper or polymeric or pipeline or tank or ((food or dairy or milk or milking) adj5 (equipment or part or machine or machinery or apparatus))or dish or dishware or dish adj ware or silo or heat adj_exchapg\$4 or extruder_or evaporator)) of {{sanitize by sanityzing or sanitized Search History or disinfect or disinfecting or C:\APPS\east\workspadesinefated0orwsbsinfection or sterilize

or sterilizing or sterilization or

	1009 ((((pre-clean or pre-cleaned or pre-cleaning or pre-cleanse or	USPAT; US-PGPUB;	2003/02/14
	pre-cleansed or pre-cleansing) with	EPO; JPO;	10.32
	(substrate or hard adj surface or ((food	DERWENT;	
	or dairy or milk or processing or milking	IBM TDB;	
	or dishwashing or filling) adj5	USOCR	
	(equipment or part or machine or	USUCK	
	requipment of part of machine or		Ĭ
	machinery or apparatus)) or floor or wall		
	or textile or clothing or clothes or dish		
	or dishware or dish adj ware or tank or		
	silo or heat adj exchang\$4 or pipeline or	1	
	extruder or evaporator)) or ((treat or	1	
	treating or treated or treatment or rinse		1
	or rinsing or rinsed or soak or soaking		1
	or soaked) with (substrate or hard adj		1
	surface or ((food or dairy or milk or		
	processing or milking or dishwashing or		1
	filling) adj5 (equipment or part or		4
	machine or machinery or apparatus)) or		
	floor or wall or textile or clothing or		1
	clothes or dish or dishware or dish adj		1
	ware or tank or silo or heat adj		
	exchang\$4 or pipeline or extruder or		
	evaporator)) or ((immerse or immersing or		
	immersed or immersion) with (substrate or	1	
	hard adj surface or ((food or dairy or		
	milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or wall or textile	1	
	or clothing or clothes or dish or		
	dishware or dish adj ware or tank or silo		
	or heat adj exchang\$4 or pipeline or		
	extruder or evaporator)) or ((pre adj		
	clean or pre adj cleaned or pre adj	1	
	cleaning or clean or cleaning or cleaned		i
1	or cleanse or cleansing or cleansed) with		
The state of the s	(substrate or hard adj surface or ((food		
	or dairy or milk or processing or milking	1	
	or dishwashing or filling) adj5		
	(equipment or part or machine or		
1	machinery or apparatus)) or floor or wall		
	or textile or clothing or clothes or dish		1
	or dishware or dish adj ware or tank or		
	silo or heat adj exchang\$4 or pipeline or		
	extruder or evaporator)) or ((soak or		
1	soaking or soaked or dip or dipping or		
			1
	dipped) with (substrate or hard adj		
	surface or ((food or dairy or milk or		
	processing or milking or dishwashing or		
1 34	filling) adj5 (equipment or part or		
	machine or machinery or apparatus)) or		
	floor or wall or textile or clothing or		
	clothes or dish or dishware or dish adj		
	ware or tank or silo or heat adj		
	exchang\$4 or pipeline or extruder or	1	1
	evaporator)) or ((pre-flush or		
	pre-flushed or pre-flushing or pre adj		
	flush or pre adj flushing or pre adj		
	flushed or flush or flushing or flushed)	1	
	with (substrate or hard adj surface or		
	((food or dairy or milk or processing or		
	milking or dishwashing or filling) adj5		
	(equipment or part or machine or		
	machinery or apparatus)) or floor or wall	T1 165	
	or textile or clothing or clothes or dish		
1	or dishware or dish adj ware or tank or		
İ	silo or heat adj exchang\$4 or pipeline or		
	extruder or evaporator)) or ((pre-wash or		
	pre-washing or pre-washed or pre adj wash		
	or pre adj washing or pre adj washed)		
	with substrate or hard adj surface or		
rch History	2/t1f88d ² of dairy or milk of processing or		
1	((100d of daily of milk of processing or		
	milking or dishwashing or filling) adj5 orkspacegwapmanttor.papt or machine or		
	AND AND AND REPORT AND AND AND AND AND AND AND AND AND AND		

14 ((((pre-clean or pre-cleaned or USPAT; 2003/02/14 pre-cleaning or pre-cleanse or US-PGPUB; 10:44 pre-cleansed or pre-cleansing) with EPO; JPO; (substrate or hard adj surface or ((food DERWENT: or dairy or milk or processing or milking IBM TDB; or dishwashing or filling) adj5 USOCR (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((treat or treating or treated or treatment or rinse or rinsing or rinsed or soak or soaking or soaked) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((soak or soaking or soaked or dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or 2/14/683d2of5da1rgMor mingeof9processing or Search History milking or dishwashing or filling) adj5 C:\APPS\east\workspacegudpmantt04.papt or machine or

machinery or apparatus)) or floor or wall

241 ((((pre-clean or pre-cleaned or USPAT; 2003/02/14 pre-cleaning or pre-cleanse or US-PGPUB; 10:44 pre-cleansed or pre-cleansing) with EPO; JPO; (substrate or hard adj surface or ((food DERWENT; or dairy or milk or processing or milking IBM TDB; USOCR or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((treat or treating or treated or treatment or rinse or rinsing or rinsed or soak or soaking or soaked) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or clean or cleaning or cleaned or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((soak or soaking or soaked or dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed or flush or flushing or flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or 2/118802 of dairy or mille of processing or milking or dishwashing or filling) adj5

machinery or apparatus)) or floor or wall

Search History

C:\APPS\east\workspaceg\dpmantto4.papt or machine or

	626	(pre-clean or pre-cleaned or pre-cleaning	· · · · · · · · · · · · · · · · · · ·	T0000/00/10
	026	or pre-cleanse or pre-cleansed or	USPAT; US-PGPUB;	2003/02/14
		pre-cleansing) with (substrate or hard	EPO; JPO;	11.19
		adj surface or ((food or dairy or milk	DERWENT;	
		or processing or milking or dishwashing	IBM TDB;	
		or filling) adj5 (equipment or part or	USOCR	
		machine or machinery or apparatus)) or		i
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj		-
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or evaporator or garment or ware-wash or		
		ware-washing or ware-washed or ware adj	1	
		wash\$3)		
-	637	(pre adj clean or pre adj cleaned or pre	USPAT;	2003/02/14
	-	adj cleaning or pre adj cleanse or pre	US-PGPUB;	10:55
		adj cleansed or pre adj cleansing) with	EPO; JPO;	13.33
	1	(substrate or hard adj surface or ((food	DERWENT;	
		or dairy or milk or processing or milking	IBM TDB;	
		or dishwashing or filling) adj5	USOCR	
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall	Į	
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware		
		adj wash\$3 or ware-washed or		
		ware-washing)		
_	31	(pre-flush or pre-flushed or pre-flushing	USPAT;	2003/02/14
		or pre adj flush or pre adj flushing or	US-PGPUB;	10:55
		pre adj flushed) with (substrate or hard	EPO; JPO;	10.33
		adj surface or ((food or dairy or milk	DERWENT;	
		or processing or milking or dishwashing	IBM TDB;	
		or filling) adj5 (equipment or part or	USOCR	
		machine or machinery or apparatus)) or		
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj		
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator or garment or ware-wash\$3 or		
		ware adj washed or ware adj washing or ware adj washed)		
	428	(pre-wash or pre-washing or pre-washed or	HCDNE	2002 (00 (1 4
	120	pre adj wash or pre adj washing or pre	USPAT;	2003/02/14
		adj washed) with (substrate or hard adj	US-PGPUB; EPO; JPO;	10:56
		surface or ((food or dairy or milk or	DERWENT;	
		processing or milking or dishwashing or	IBM TDB;	
		filling) adj5 (equipment or part or	USOCR	
		machine or machinery or apparatus)) or		
		floor or wall or textile or clothing or		
		clothes or dish or dishware or dish adj		14
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or		
	2157	ware-wash\$3 or garment)		
	315/	(pre-treat\$4 or pre adj treat\$4) with	USPAT;	2003/02/14
		(substrate or hard adj surface or ((food	US-PGPUB;	11:11
		or dairy or milk or processing or milking or dishwashing or filling) adj5	EPO; JPO;	
		(equipment or part or machine or	DERWENT;	
		machinery or apparatus)) or floor or wall	IBM_TDB; USOCR	
		or textile or clothing or clothes or dish	SPOCK	
	- '-	or dishware or dish adj ware or tank or		
ļ		silo or heat adj exchang\$4 or pipeline or		
	ļ	extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)		

	203895	/alan on alaning as aland a	T	
-	203895	, the same of or carret	USPAT;	2003/02/14
		or cleanse or cleansing or cleansed) with	1	11:20
		(substrate or hard adj surface or ((food	EPO; JPO;	
		or dairy or milk or processing or milking	DERWENT;	
		or dishwashing or filling) adj5	IBM_TDB;	
		(equipment or part or machine or	USOCR	
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
i		extruder or evaporator or ware adj wash\$3	i	
		or ware-wash\$3 or garment)		
-	292181	(treat or treating or treated or	USPAT;	2003/02/14
		treatment) with (substrate or hard adj	US-PGPUB;	11:05
		surface or ((food or dairy or milk or	EPO; JPO;	
		processing or milking or dishwashing or	DERWENT;	
		filling) adj5 (equipment or part or	IBM TDB;	l
		machine or machinery or apparatus)) or	USOCR	,
		floor or wall or textile or clothing or	Joseph	
		clothes or dish or dishware or dish adj		ł
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
		evaporator or ware adj wash\$3 or		
		ware-wash\$3 or garment)		
11	138562		USPAT;	2002/02/14
	130302	(substrate or hard adj surface or ((food	US-PGPUB;	2003/02/14
		or dairy or milk or processing or milking		11:07
		or dishwashing or filling) adj5	EPO; JPO;	
			DERWENT;	
1		(equipment or part or machine or	IBM_TDB;	
		machinery or apparatus)) or floor or wall	USOCR	
		or textile or clothing or clothes or dish		
1		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)		
-	73944	(soak or soaking or soaked or immerse or	USPAT;	2003/02/14
		immersing or immersed or immersion) with	US-PGPUB;	11:12
		(substrate or hard adj surface or ((food	EPO; JPO;	
		or dairy or milk or processing or milking	DERWENT;	
		or dishwashing or filling) adj5	IBM TDB;	
		(equipment or part or machine or	USOCR	
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)		
		or garment,		

1	1	2003/02/14
pre-cleaning or pre-cleanse or	US-PGPUB;	11:11
pre-cleansed or pre-cleansing) with	EPO; JPO;	
(substrate or hard adj surface or ((food	DERWENT;	
or dairy or milk or processing or milking	IBM_TDB;	
or dishwashing or filling) adj5	USOCR	
(equipment or part or machine or		
machinery or apparatus)) or floor or wall		
or textile or clothing or clothes or dish		
or dishware or dish adj ware or tank or		The state of the s
silo or heat adj exchang\$4 or pipeline or		
extruder or evaporator or garment or		
ware-wash or ware-washing or ware-washed		
or ware adj wash\$3)) or ((pre adj clean		
or pre adj cleaned or pre adj cleaning or		
pre adj cleanse or pre adj cleansed or		
pre adj cleansing) with (substrate or		į
hard adj surface or ((food or dairy or		
milk or processing or milking or		
dishwashing or filling) adj5 (equipment		
or part or machine or machinery or		
apparatus)) or floor or wall or textile		
or clothing or clothes or dish or		
dishware or dish adj ware or tank or silo		
or heat adj exchang\$4 or pipeline or		
extruder or evaporator or garment or ware		
adj wash\$3 or ware-washed or		
ware-washing)) or ((pre-flush or		
pre-flushed or pre-flushing or pre adj		
flush or pre adj flushing or pre adj		
flushed) with (substrate or hard adj		
surface or ((food or dairy or milk or		
processing or milking or dishwashing or		
filling) adj5 (equipment or part or		
machine or machinery or apparatus)) or		
floor or wall or textile or clothing or		
clothes or dish or dishware or dish adj		
ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or		
evaporator or garment or ware-wash\$3 or ware adj washed or ware adj washing or		
ware adj washed of ware adj washing or ware adj washed)) or ((pre-wash or		
pre-washing or pre-washed or pre adj wash		
or pre adj washing or pre adj washed)		
with (substrate or hard adj surface or		1
((food or dairy or milk or processing or		
milking or dishwashing or filling) adj5		
(equipment or part or machine or		
machinery or apparatus)) or floor or wall		
or textile or clothing or clothes or dish		
or dishware or dish adj ware or tank or		1
silo or heat adj exchang\$4 or pipeline or		
extruder or evaporator or ware adj wash\$3		
or ware-wash\$3 or garment)) or		
((pre-treat\$4 or pre adj treat\$4) with		
(substrate or hard adj surface or ((food		
or dairy or milk or processing or milking		
or dishwashing or filling) adj5		
(equipment or part or machine or		
machinery or apparatus)) or floor or wall		
or textile or clothing or clothes or dish		
or dishware or dish adj ware or tank or		
silo or heat adj exchang\$4 or pipeline or		
extruder or evaporator or ware adj wash\$3		
or ware-wash\$3 or garment))		

- 602921	((clean or cleaning or cleaned or cleaner	USPAT;	2003/02/14
	or cleanse or cleansing or cleansed) with	US-PGPUB;	11:12
	(substrate or hard adj surface or ((food	EPO; JPO;	11.12
	or dairy or milk or processing or milking	DERWENT;	
	or dishwashing or filling) adj5	IBM TDB;	
	(equipment or part or machine or	USOCR	
	machinery or apparatus)) or floor or wall	OSOCK	
	or textile or clothing or clothes or dish		
	or dishware or dish adj ware or tank or		
	silo or heat adj exchang\$4 or pipeline or		
	extruder or evaporator or ware adj wash\$3		
	or ware-wash\$3 or garment)) or ((treat or		
	treating or treated or treatment) with		
	(substrate or hard adj surface or ((food		
	or dairy or milk or processing or milking		
	or dishwashing or filling) adj5		
	(equipment or part or machine or		
	machinery or apparatus)) or floor or wall		
	or textile or clothing or clothes or dish		
	or dishware or dish adj ware or tank or		
	silo or heat adj exchang\$4 or pipeline or		
	extruder or evaporator or ware adj wash\$3		
	or ware-wash\$3 or garment)) or ((wash or		
	washing or washed) with (substrate or		
	hard adj surface or ((food or dairy or		
	milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or wall or textile		
	or clothing or clothes or dish or		
	dishware or dish adj ware or tank or silo		
	or heat adj exchang\$4 or pipeline or		
	extruder or evaporator or ware adj wash\$3		
	or ware-wash\$3 or garment)) or ((soak or		
	soaking or soaked or immerse or immersing		
	or immersed or immersion) with (substrate		
	or hard adj surface or ((food or dairy		
	or milk or processing or milking or		
	dishwashing or filling) adj5 (equipment		
	or part or machine or machinery or		
	apparatus)) or floor or wall or textile		
	or clothing or clothes or dish or		
	dishware or dish adj ware or tank or silo		
	or heat adj exchang\$4 or pipeline or		
	extruder or evaporator or ware adj wash\$3		
	or ware-wash\$3 or garment))		

l I	4203	(((pre-clean or pre-cleaned or	USPAT;	2003/02/14
ļ		pre-cleaning or pre-cleanse or	US-PGPUB;	11:12
		pre-cleansed or pre-cleansing) with	EPO; JPO;	
		(substrate or hard adj surface or ((food	DERWENT;	
		or dairy or milk or processing or milking	IBM_TDB;	
		or dishwashing or filling) adj5	USOCR	
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or	30	
1		silo or heat adj exchang\$4 or pipeline or	İ	
		extruder or evaporator or garment or		
		ware-wash or ware-washing or ware-washed		
		or ware adj wash\$3)) or ((pre adj clean		
14		or pre adj cleaned or pre adj cleaning or		
İ		pre adj cleanse or pre adj cleansed or		
		pre adj cleansing) with (substrate or		
		hard adj surface or ((food or dairy or	-	
		milk or processing or milking or		
		dishwashing or filling) adj5 (equipment		
		or part or machine or machinery or		
		apparatus)) or floor or wall or textile		
		or clothing or clothes or dish or		
		dishware or dish adj ware or tank or silo		
		or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or garment or ware		
		adj wash\$3 or ware-washed or		
		ware-washing)) or ((pre-flush or		
		pre-flushed or pre-flushing or pre adj		
		flush or pre adj flushing or pre adj flushed) with (substrate or hard adj		
		surface or ((food or dairy or milk or		
ľ				
		processing or milking or dishwashing or filling) adj5 (equipment or part or		
į		machine or machinery or apparatus)) or		
İ		floor or wall or textile or clothing or		
į		clothes or dish or dishware or dish adj		
		ware or tank or silo or heat adj		
		exchang\$4 or pipeline or extruder or		
	3	evaporator or garment or ware-wash\$3 or		
		ware adj washed or ware adj washing or		
		ware adj washed)) or ((pre-wash or		
		pre-washing or pre-washed or pre adj wash		
		or pre adj washing or pre adj washed)		
		with (substrate or hard adj surface or		
		((food or dairy or milk or processing or		
		milking or dishwashing or filling) adj5		1
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment)) or		
		((pre-treat\$4 or pre adj treat\$4) with		
		(substrate or hard adj surface or ((food	1 1 1 1 1 1	
		or dairy or milk or processing or milking		
	Ì	or dishwashing or filling) adj5		
		(equipment or part or machine or		
		machinery or apparatus)) or floor or wall		
		or textile or clothing or clothes or dish		
		or dishware or dish adj ware or tank or		
		silo or heat adj exchang\$4 or pipeline or		
		extruder or evaporator or ware adj wash\$3		
		or ware-wash\$3 or garment))) same		
4.1		(((clean or cleaning or cleaned or		
		cleaner or cleanse or cleansing or		
		cleansed) with (substrate or hard adj		
		surface or ((food or dairy or milk or		1
		processing or milking or dishwashing or		1
		filling) adj5 (equipment or part or	7 44	
arch Histo	ru	machine or machinery or apparatus) or		
	- Y 2	f1687 61 wat1 57 text178 87 clothing or		
arch hraco		clothes or dish or dishware or dish adj		

((((pre-clean or pre-cleaned or USPAT: 2003/02/14 pre-cleaning or pre-cleanse or US-PGPUB; 11:13 pre-cleansed or pre-cleansing) with EPO; JPO; DERWENT; (substrate or hard adj surface or ((food or dairy or milk or processing or milking IBM TDB; or dishwashing or filling) adj5 USOCR (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware-wash or ware-washing or ware-washed or ware adj wash\$3)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or pre adj cleanse or pre adj cleansed or pre adj cleansing) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adi ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware adj wash\$3 or ware-washed or ware-washing)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware-wash\$3 or ware adj washed or ware adj washing or ware adj washed)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((pre-treat\$4 or pre adj treat\$4) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment))) same (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or f1687 6: Wall By textage 8f clothing or Search History clothes or dish or dishware or dish adj C:\APPS\east\workspawes&defatan640wspilo or heat adj

exchang\$4 or pipeline or extruder or

62 ((((pre-clean or pre-cleaned or USPAT: 2003/02/14 pre-cleaning or pre-cleanse or US-PGPUB; 11:15 pre-cleansed or pre-cleansing) with EPO; JPO; (substrate or hard adj surface or ((food DERWENT; or dairy or milk or processing or milking IBM TDB; or dishwashing or filling) adj5 USOCR (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware-wash or ware-washing or ware-washed or ware adj wash\$3)) or ((pre adj clean or pre adj cleaned or pre adj cleaning or pre adj cleanse or pre adj cleansed or pre adj cleansing) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware adj wash\$3 or ware-washed or ware-washing)) or ((pre-flush or pre-flushed or pre-flushing or pre adj flush or pre adj flushing or pre adj flushed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or garment or ware-wash\$3 or ware adj washed or ware adj washing or ware adj washed)) or ((pre-wash or pre-washing or pre-washed or pre adj wash or pre adj washing or pre adj washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((pre-treat\$4 or pre adj treat\$4) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or wall or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment))) same (((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or 2/f1687 or walf BM textage 87 clothing or clothes or dish or dishware or dish adj C:\APPS\east\workspawes&defathnb40wspilo or heat adj

exchang\$4 or pipeline or extruder or

Search History

_	160878	(clean or cleaning or cleaned or cleaner	USPAT;	2003/02/14
-	160076	or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware	US-PGPUB; EPO; JPO; DERWENT; IBM TDB; USOCR	11:33
		or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)		
	248550	(treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14
	127985	(wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/02/14 11:33

2003/02/14 ((((pre-wash or pre-washed or pre-washing 21 USPAT; or pre adj wash or pre adj washed or pre US-PGPUB; 12:02 adj washing or pre adj disinfect or pre EPO: JPO: adj disinfecting or pre adj disinfected) DERWENT; IBM TDB; with ((((main) adj3 (wash or washed or washing)) with (substrate or hard adj USOCR surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((treat or treating or treated or treatment) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((wash or washing or washed) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((soak or soaking or soaked or immerse or immersing or immersed or immersion) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or clothing or clothes or dish or dishware or dish adj ware or tank or silo or heat adj exchang\$4 or pipeline or extruder or evaporator or ware adj wash\$3 or ware-wash\$3 or garment)) or ((dip or dipping or dipped) with (substrate or hard adj surface or ((food or dairy or milk or processing or milking or dishwashing or filling) adj5 (equipment or part or machine or machinery or apparatus)) or floor or flooring or laundry or textile or 2 of dish adj ware or tank of silo or heat Search History adj exchang\$4 or pipeline or extruder or C:\APPS\east\workspa**e&aRd&faQItO4.wap**e adj wash\$3 or

ware-wash\$3 or garment)) or ((rinse or